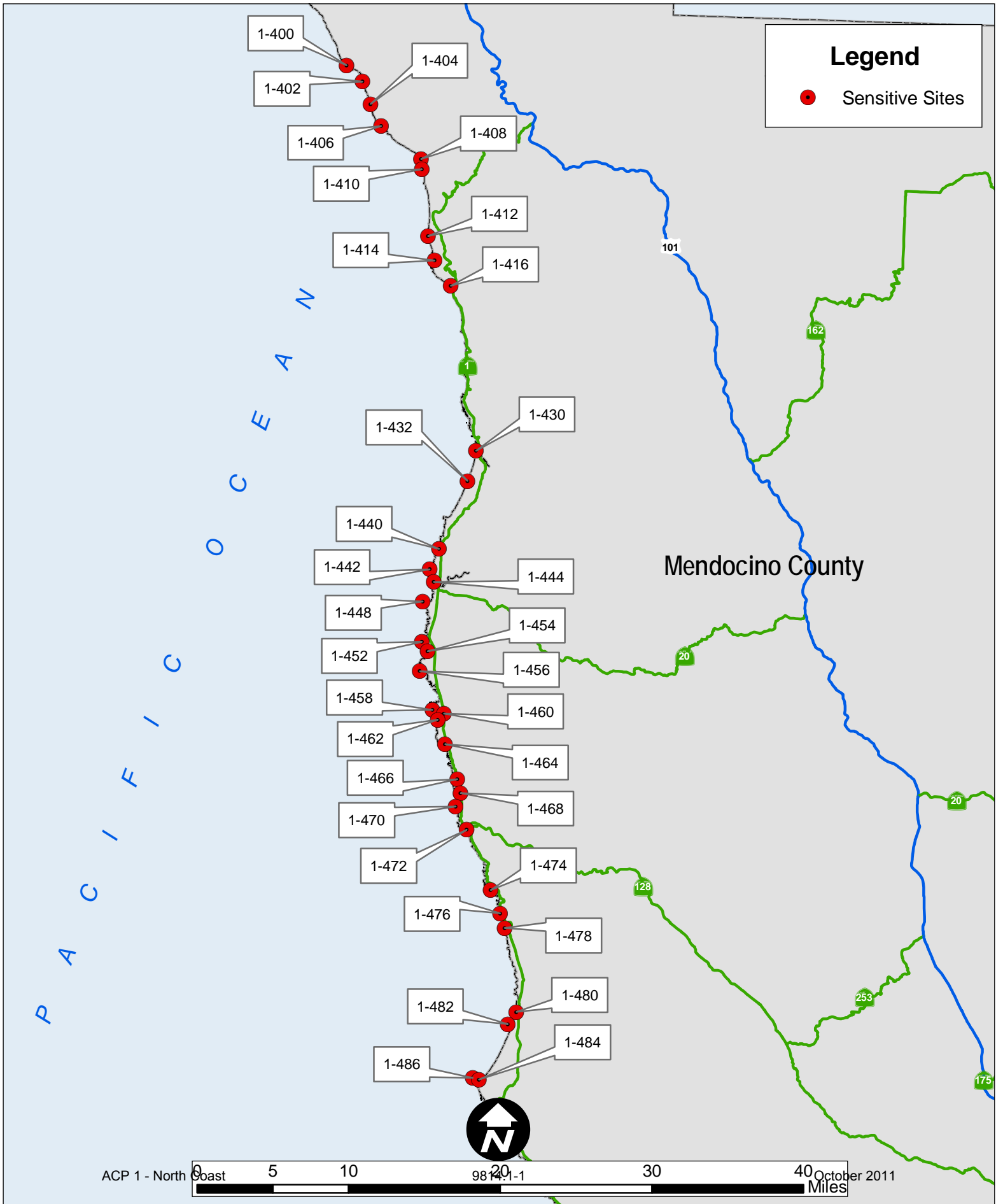




ACP 1 MENDOCINO COUNTY SENSITIVE SITES



9814.1 Mendocino County

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County: **Mendocino**
 USGS Quad: **Bear Harbor**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N
 39 55'
 Longitude W
 123 55' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

These offshore rocks are managed by the BLM as part of the California Coastal National Monument. The shoreline is within Sinkyone Wilderness State Park. Offshore rock. Lies about 500 feet offshore.

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabirds

Pacific harbor seal haul-out areas (01-12)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Sinkyone Intertribal Wilderness Council	(707) 468-9500
T		California State Parks North Coast District	(707) 445-6547
T	Randy Brown	US Fish and Wildlife Service	(707) 822-7201
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-400 -C Site Strategy - Morgan Rock

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-400 -C

Latitude N Longitude W
39 55' 123 55' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Inaccessible from land. Near Bear Harbor, about 10 miles south of Pt. Delgada. Nearest road is Bear Harbor Road off Usal Road. These offshore rocks are managed by the BLM as part of the California Coastal National Monument. The shoreline is within Sinkyone Wilderness State Park.

LAND ACCESS:

WATER LOGISTICS:

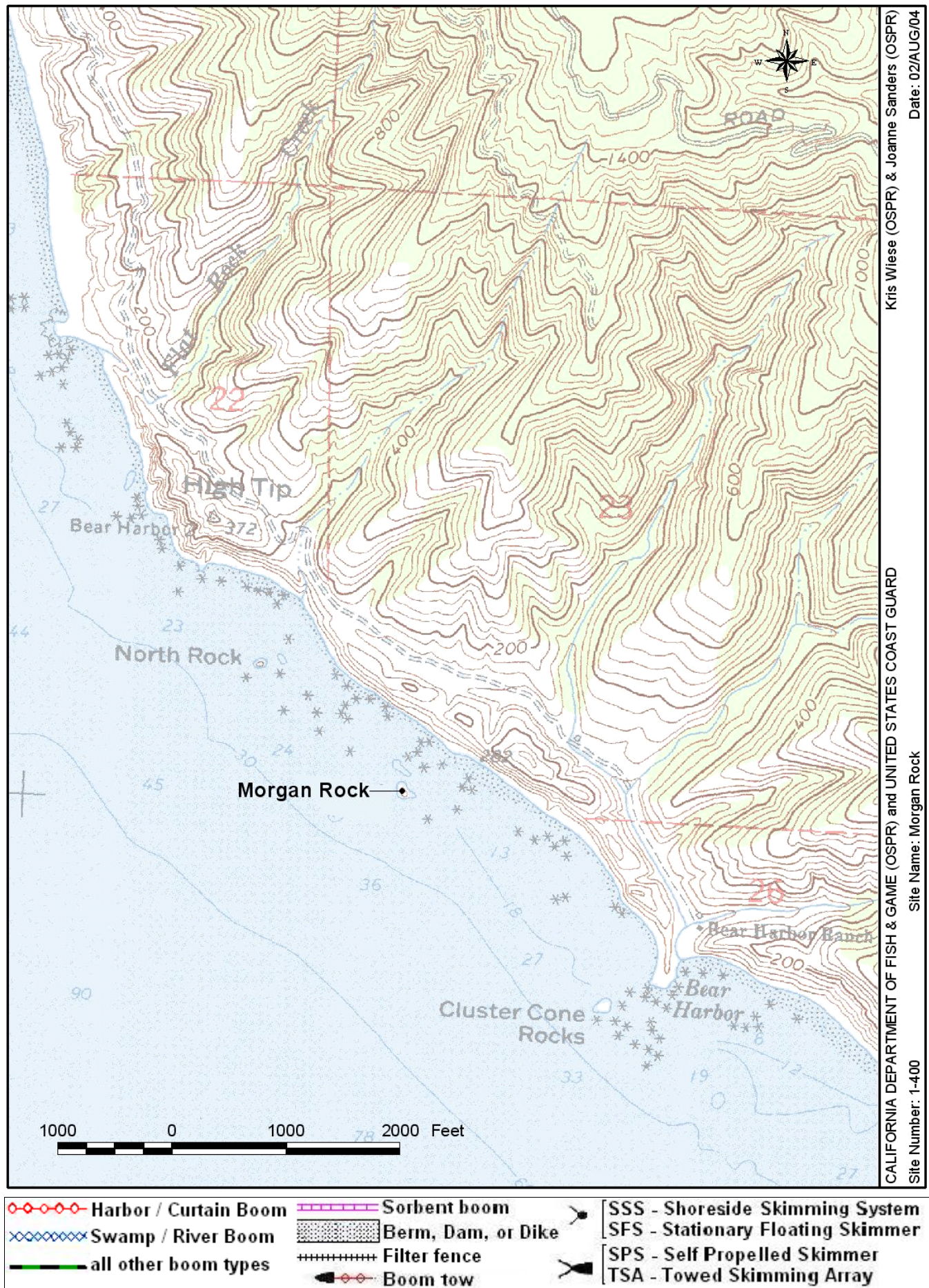
Limitations: depth, obstruction

Launching, Loading, Docking Nearest launch is Shelter Cove
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Bear Harbor**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N
 39 54'
 Longitude W
 123 55' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

These offshore rocks are managed by the BLM as part of the California Coastal National Monument. The shoreline is within Sinkyone Wilderness State Park. Offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabirds

Pacific harbor seal haul out areas (01-12)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Sinkyone Intertribal Wilderness Council	(707) 468-9500
T		California State Parks North Coast District	(707) 445-6547
T	Randy Brown	US Fish and Wildlife Service	(707) 822-7201
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-402 -B Site Strategy - Seal Rocks

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-402 -B

Latitude N Longitude W
39 54' 123 55' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Inaccessible from land. These offshore rocks are managed by the BLM as part of the California Coastal National Monument. The shoreline is within Sinkyone Wilderness State Park.

LAND ACCESS:

WATER LOGISTICS:

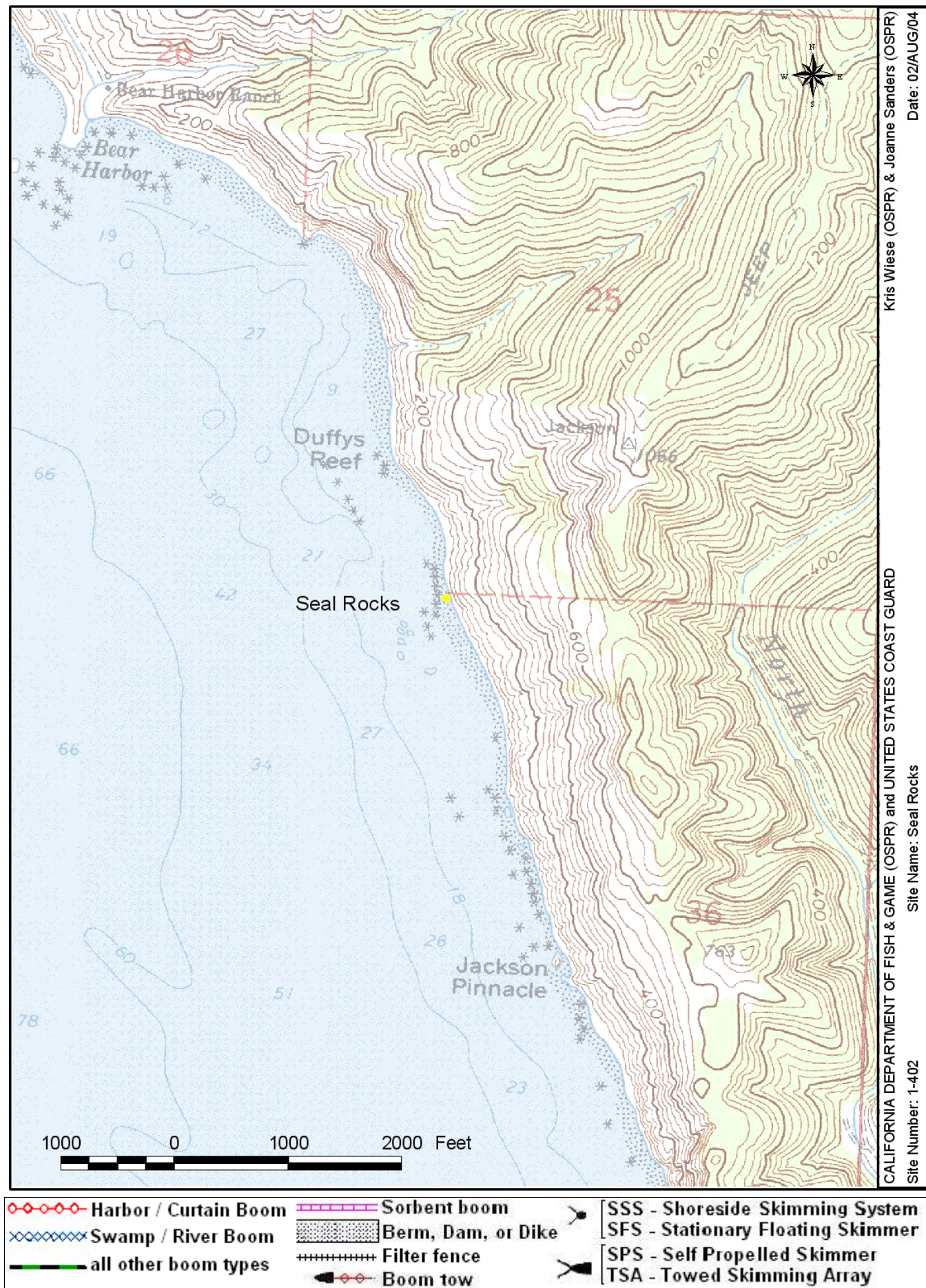
Limitations: depth, obstruction

Launching, Loading, Docking Nearest launch is Shelter Cove
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Bear Harbor**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N
 39 53'
 Longitude W
 123 55'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Jackass Creek is a remote location with a very small tidal inlet within Sinkyone Wilderness State Park. Any response is limited to offshore access or by foot traffic only. Small tidal inlet within the Sinkyone Wilderness. Trustees recommend against on-site response. Habitat damage could result from intrusive response. The inlet shoreline consists of coarse grained sand and granules.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Sensitive habitats, see general site description section. Oiling of estuary is primary concern (01-12).

Shorebirds and seabirds abundant in area (01-12). Peregrine falcon (01-12) found in area.

Pacific harbor seals abundant in area

Leafy reed grass (CNPS List 4.2)(01-12)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Sinkyone Intertribal Wilderness Council	(707) 468-9500
T		California State Parks North Coast District	(707) 445-6547
T	Randy Brown	US Fish and Wildlife Service	(707) 822-7201
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-404 -A Site Strategy - Jackass Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-404 -A

Latitude N Longitude W
39 53' 123 55'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

See general site description section. Trustees advise against on-site response.

HAZARDS and RESTRICTIONS:

Trustees recommend against on-site response. Habitat damage could result from intrusive response.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or No and kinds	comment	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 1 at Leggett. Go south on state route 1 to M.P. 90.91. Take Usal Road (4WD may be required at times) north 8-10 miles (name of Usal Road changes to Timber Ridge Road). Access to Jackass Creek is limited to foot traffic only from either the Bear Harbor trailhead in the north or the Usal trailhead in the south. Maintenance of roads to Jackass Creek ceased when the area became a wilderness state park. Contact Sinkyone Wilderness State Park to discuss access. Jackass Creek is a remote location with a very small tidal inlet within Sinkyone Wilderness State Park. Any response is limited to offshore access or by foot traffic only.

LAND ACCESS: Very limited. Foot only

WATER LOGISTICS: Bear Harbor is not improved. Shallow draft vessels only.

Limitations: depth, obstruction

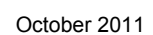
Launching, Loading, Docking Nearest launch is Shelter Cove
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Small unimproved campground at Usal Creek.

COMMUNICATIONS PROBLEMS: Remote, communications are limited.

ADDITIONAL OPERATIONAL COMMENTS: Site is within designated Wilderness. Response is limited.



County: **Mendocino**
 USGS Quad: **Mistake Pt.**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N
 39 51'
 Longitude W
 123 54'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Little Jackass Creek is a remote location with a very small tidal inlet within Sinkyone Wilderness State Park. Any response is limited to offshore access or by foot traffic only. Small tidal inlet within the Sinkyone Wilderness. Trustees recommend against on-site response. Habitat damage could result from intrusive response.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Sensitive habitats. See general site description section. Oiling of estuary is primary concern (01-12).

California sea lion haul out (largest mainland haul out in California)(5-8).
 Pacific harbor seal haul out, 900+ animals observed.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Sinkyone Intertribal Wilderness Council	(707) 468-9500
T		California State Parks North Coast District	(707) 445-6547
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-406 -B Site Strategy - Little Jackass Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-406 -B

Latitude N Longitude W
39 51' 123 54'

CONCERNS and ADVICE to RESPONDERS:

Sensitive habitats, see general site description section. Oiling of estuary is primary concern (01-12).

HAZARDS and RESTRICTIONS:

Trustees recommend against on-site response. Habitat damage could result from intrusive response.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 1 at Leggett. Go south on state route 1 to M.P. 90.91. Take Usal Road (4WD may be required at times) 8 - 10 miles (name of Usal Road changes to Timber Ridge Road). Access to Little Jackass Creek is limited to foot traffic only from either the Bear Harbor trailhead in the north or the Usal trailhead in the south. Maintenance of road to Jackass Creek ceased after this site became part of a wilderness state park. Little Jackass Creek is a remote location with a very small tidal inlet within Sinkyone Wilderness State Park. Any response is limited to offshore access or by foot traffic only.

LAND ACCESS: Very limited. Foot traffic only.

WATER LOGISTICS:

Limitations: depth, obstruction

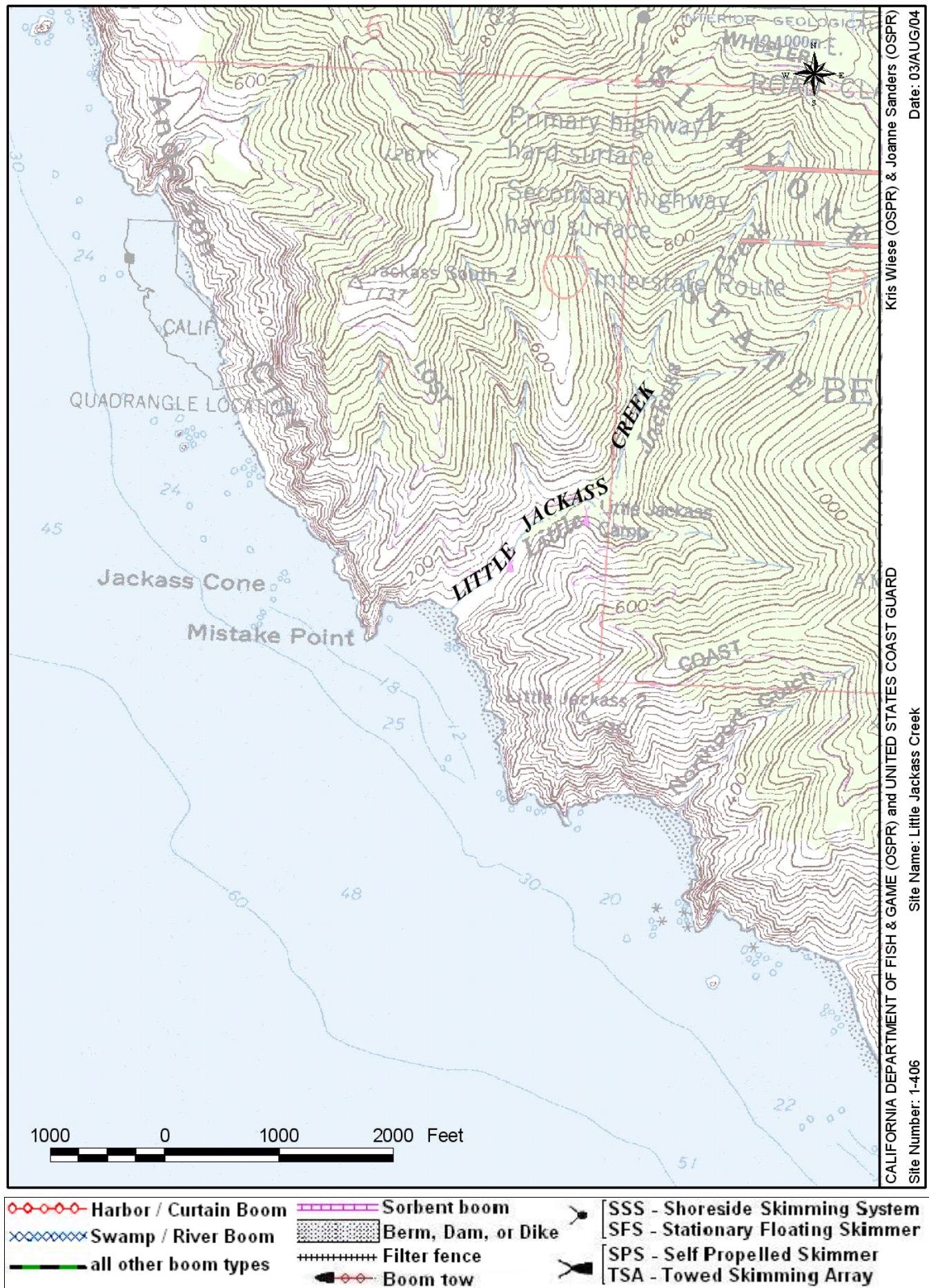
Launching, Loading, Docking Nearest launch is Shelter Cove
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Small unimproved campground at Usal Creek.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS: Site is within designated Wilderness. Response is limited.



County: **Mendocino**
 USGS Quad: **Hales Grove**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N Longitude W
 39 49' 30" 123 51'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Tidal inlet and estuary with in the Sinkyone Wilderness State Park. Trustees recommend no response within the state park. Beach consists of coarse grained sand and pebbles. Creek mouth will frequently close during seasons of low rainfall. The creek terminates on a high energy sandy beach with rocky cliff beaches to the north and south of this area.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

Oiling of estuary is primary concern (01-12).

Seabirds and shorebirds common throughout area. Raptors commonly seen throughout area.

Pacific harbor seal

Tidewater goby (FE, SSC)(01-12) in estuary

Night smelt and surf smelt spawn on the beach near entrance to Usal Creek south to Shoreline Rock (04-08)

Surfperch spawn in area.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Sinkyone Intertribal Wilderness Council	(707) 468-9500
T		California State Parks North Coast District	(707) 445-6547
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-408 -A Site Strategy - Usal Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-408 -A

Latitude N Longitude W
39 49' 30 123 51'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Oiling of estuary is the primary concern throughout the year.

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, high energy shoreline

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-408.1 Objective: Assess on-site conditions before responding to this remote location.

Perform and overflight, or, send in a Shoreline Clean-up Assessment Team (SCAT team), to assess the Usal road access, the prevailing site conditions, and if equipment deployment or precleaning activities would be effective.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvbe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-408.1	0	0	0	0	0	0	0	0	1 Helicopter	2	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S.HWY 101 at Leggett, turn on State Route 1(To Fort Bragg). Go south on State Route 1 to M.P. 90.91. Take the Usal Road (County Road #431) , a poorly marked turn. This is a 4WD only road much of the year. Winding & unpaved for 6 miles. Cross the one lane bridge inside of the Sinkyone Wilderness State Park. Take the first Jeep trail on left after crossing the bridge to access the creek mouth. Tidal inlet and estuary with in the Sinkyone Wilderness State Park. Trustees recommend no response within the state park.

LAND ACCESS: Medium truck & 4WD access on dirt roads.

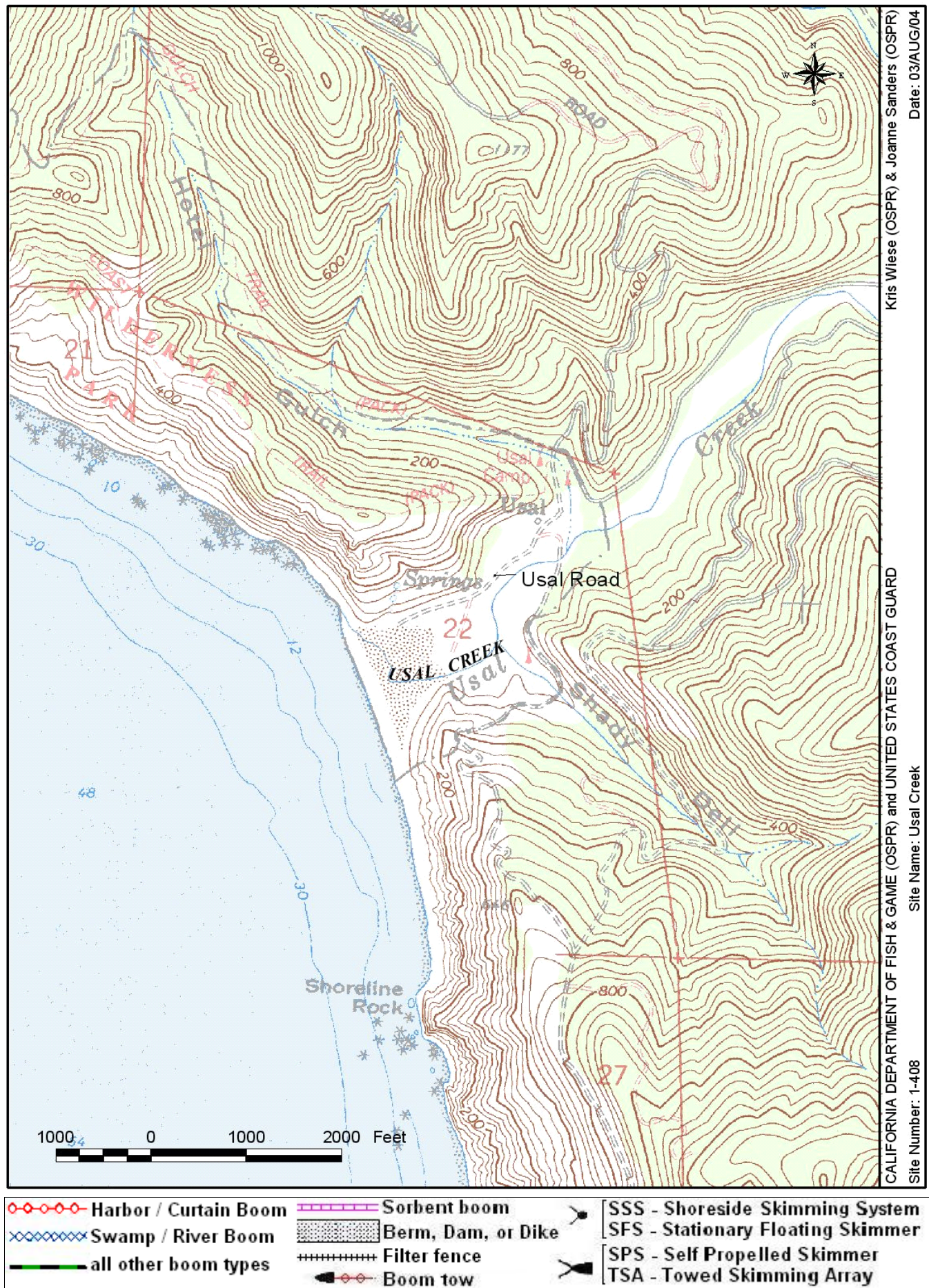
WATER LOGISTICS: No launch facilities are available at this site.
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

This site is suitable for staging local response equipment only. Consider helicopter lifts for response equipment. Rough camping & pit toilets are the only facilities in this remote location.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Hales Grove**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N
 39 49'
 Longitude W
 123 51'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

These offshore rocks are managed by the BLM as part of the California Coastal National Monument. Nearshore rock. Closest beaches are of course sediments.

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird rookeries (05-09): Pelagic cormorant, Pigeon guillemot, Western gull

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California State Parks North Coast District	(707) 445-6547
T	Randy Brown	US Fish and Wildlife Service	(707) 822-7201
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-410 -A Site Strategy - Shoreline Rock

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-410 -A

Latitude N Longitude W
39 49' 123 51'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 1 at Leggett. Go south on state route 1 to M.P. 90.91. Take Usal Road (4WD may be required at times - narrow, winding, unpaved) 8 - 10 miles. Shoreline Rock is offshore about .25 miles south of the mouth of Usal Creek. Contact Sinkyone Wilderness State Park. These offshore rocks are managed by the BLM as part of the California Coastal National Monument.

LAND ACCESS:

WATER LOGISTICS: Offshore rocks, limited access

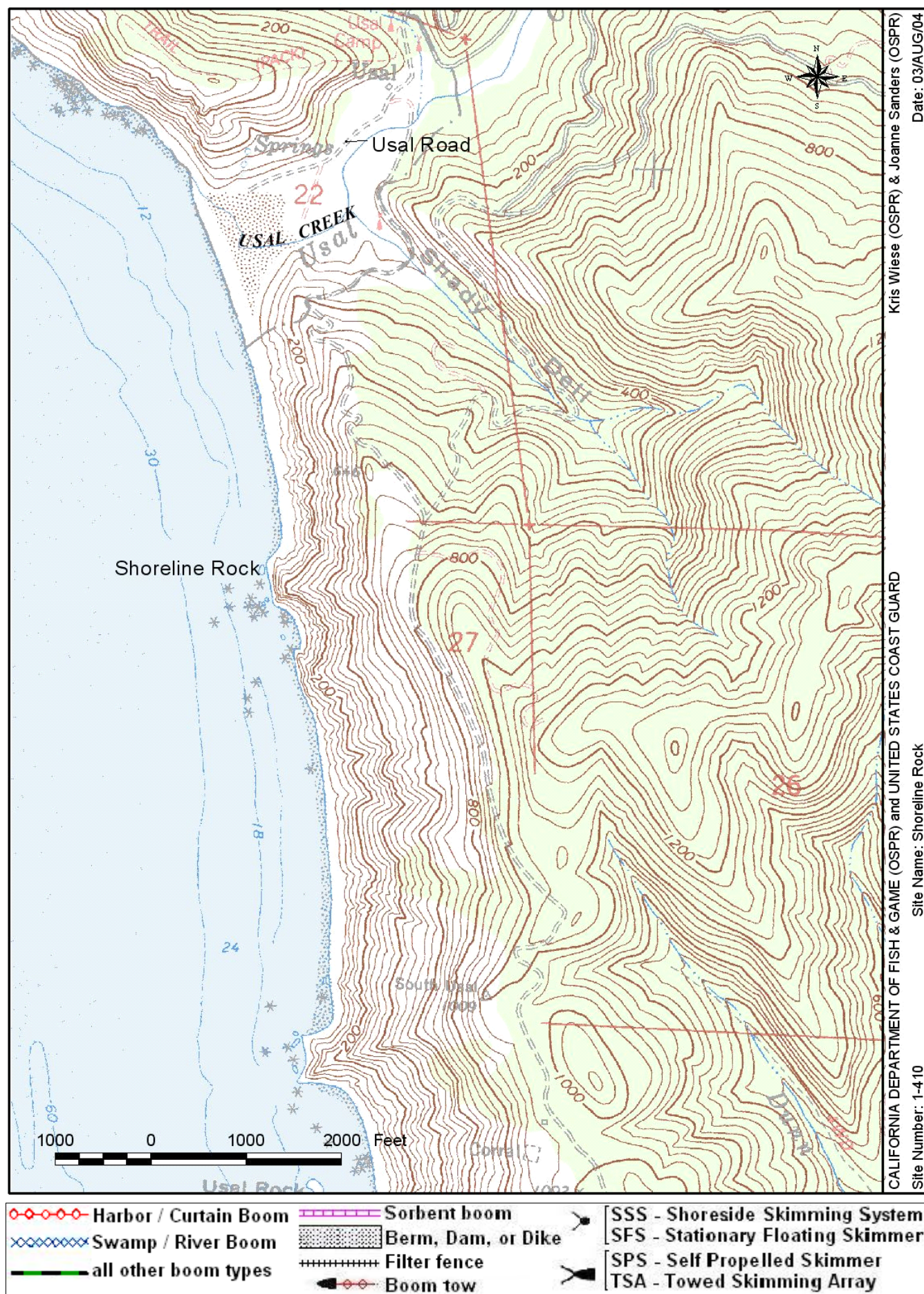
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Small unimproved campground at Usal Creek.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
USGS Quad: **Hales Grove**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18620**

Latitude N Longitude W
39 45' 30" 123 50'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is a rocky point on the map that has very limited on scene response options. The site is owned by Mendocino Redwood Company. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. The site is comprised of exposed rock cliffs and exposed vertical seawalls. Strong currents and large waves will preclude on scene response under typical sea conditions.

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird rookeries (03-09): Pelagic cormorant, Pigeon guillemot

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E	John Andersen	Mendocino Redwood Company	(707) 962-2820
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-412 -A Site Strategy - Soldier Frank Point

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-412 -A

Latitude N Longitude W
39 45' 30 123 50'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Inaccessible rocky headland lying about 2 miles north of Cape Vizcaino. Nearest road is Usal Road. Take U.S. hwy 101 north to state route 1 at Leggett. Go south on state route 1 to M.P. 83.54. Go north on dirt road (4WD required at times). This site is a rocky point on the map that has very limited on scene reponse options. The site is owned by Mendocino Redwood Company. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Locked gates. Contact Mendocino Redwood Company.

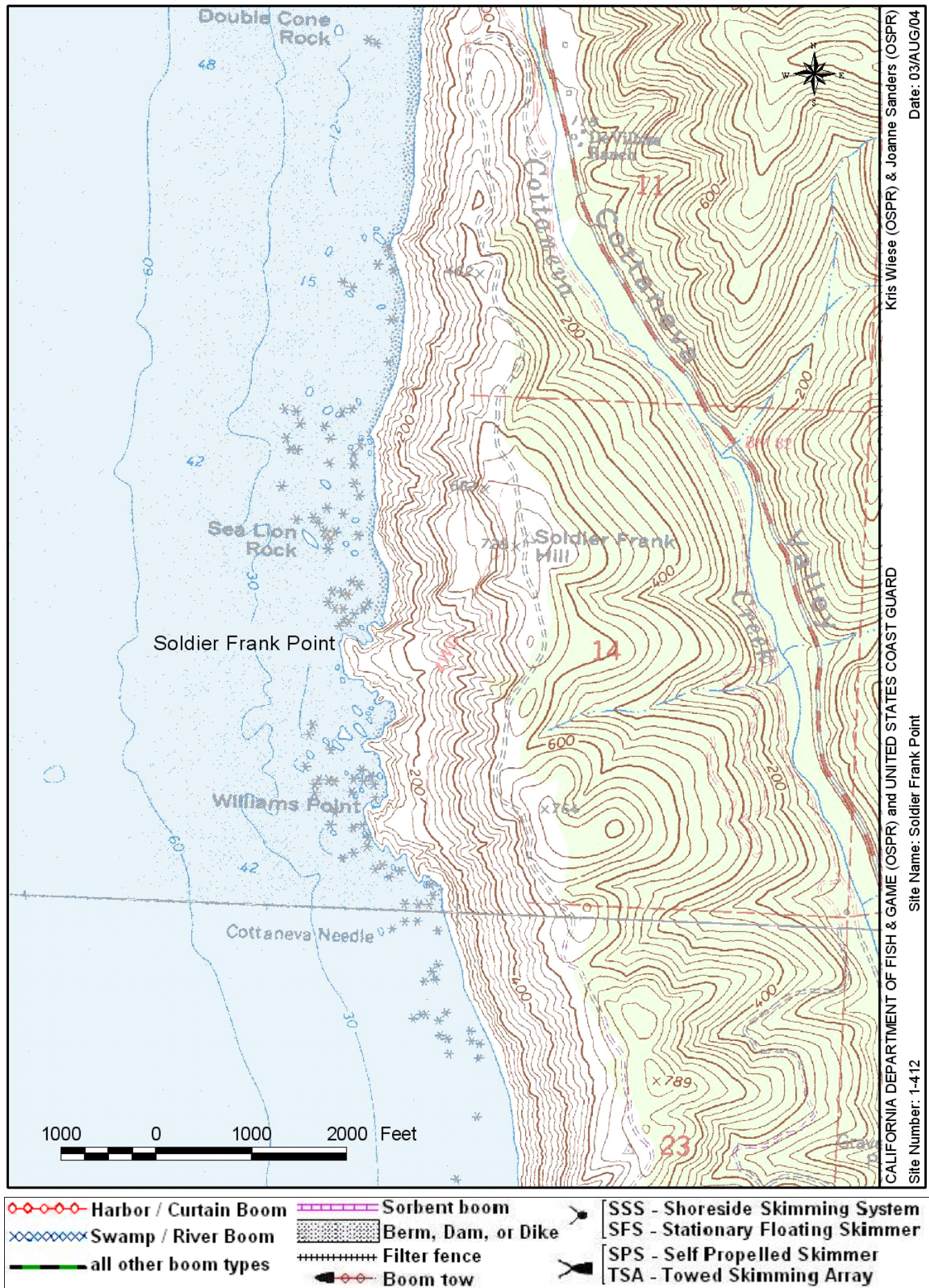
WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



1-414 -A Site Summary- Rockport Bay and Cottaneva Creek**1-414 -A**

County: **Mendocino**
USGS Quad: **Westport**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18620**

Latitude N
39 50'
Longitude W
123 49' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the tidal estuary at the mouth of Cottaneva Creek. The site is owned by Mendocino Redwood Company. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Mixed sand and gravel beach. Minor wetland.

SEASONAL and SPECIAL RESOURCE CONCERN**RESOURCES OF PRIMARY CONCERN**

Minor freshwater marsh.

California brown pelican (04-11). Seabirds, shorebirds, waterfowl.

Surfsmelt and Nightsmelt spawning area (04-08)

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E	John Andersen	Mendocino Redwood Company	(707) 962-2820
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-414 -A Site Strategy - Rockport Bay and Cottaneva Creek

County and Thomas Guide Location

CA Road Atlas Mendocino

NOAA CHART

18620

1-414 -A

Latitude N

Longitude W

39 50'

123 49' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
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LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to state route 1 at Leggett. Go south on state route 1. Exit at private road in Rockport M.P. 87.82. Site is through a locked gate and appx. 0.6 miles down a 1 lane dirt road. Follow road to left to grassy field (100 yards by 150 yards). This area is accessible to large equipment. This site includes the tidal estuary at the mouth of Cottaneva Creek. The site is owned by Mendocino Redwood Company. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Locked Gates. Contact Mendocino Redwood Company.

WATER LOGISTICS: No launching facilities.

Limitations: depth, obstruction

Launching, Loading, Docking

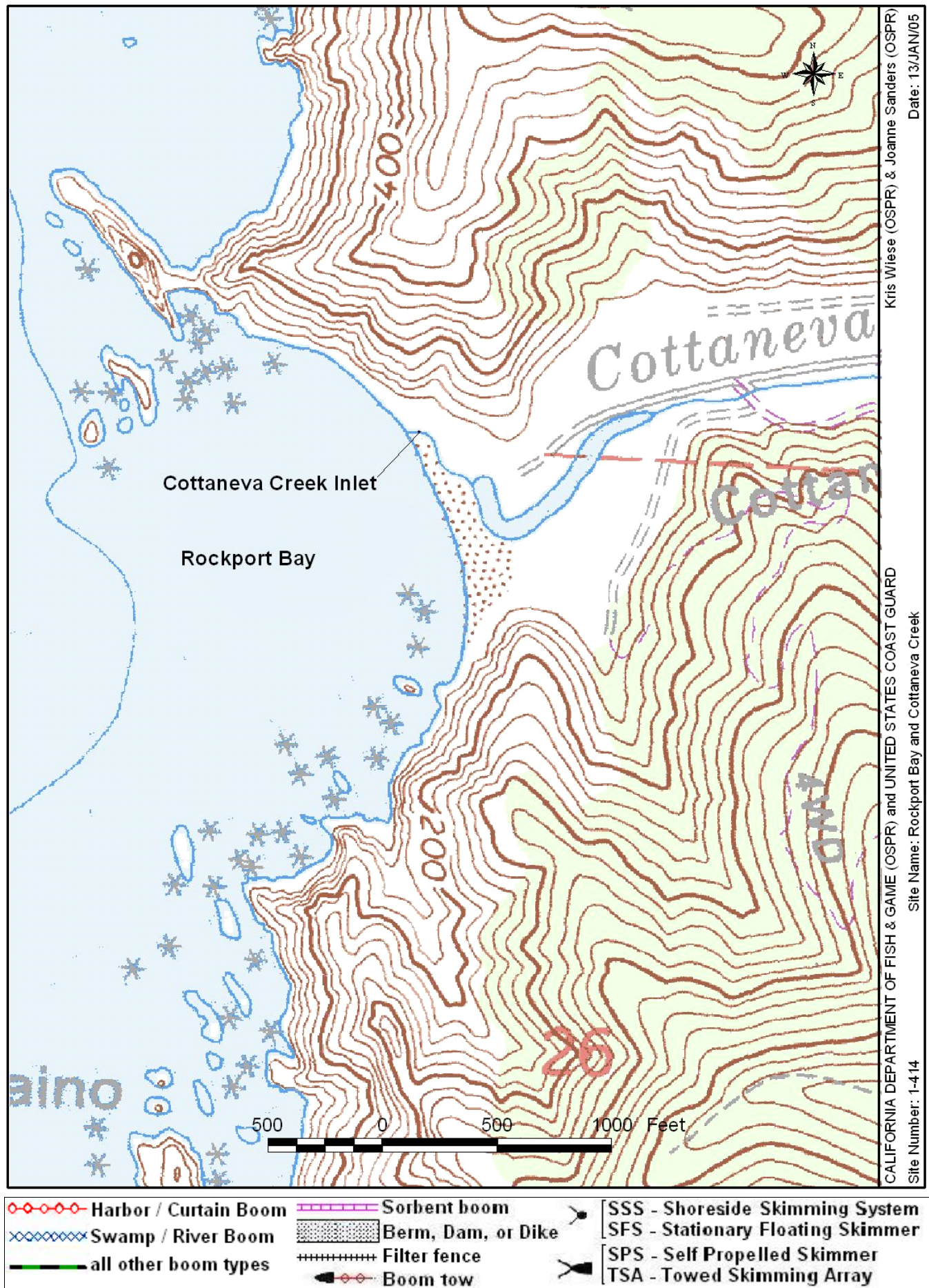
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Grassy field (100 x 150 yds.) on property suitable for local response staging only. No utilities or facilities.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
USGS Quad: **Mendocino**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18620**

Latitude N Longitude W
39 42' 30" 123 48' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is a small tidal inlet at the mouth of Hardy Creek. The site is private property. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Small stream incises a sand and gravel beach and abuts a bedrock bluff on the northside of the valley. The narrow beach has a well developed storm berm. During severe storm conditions the entire beach is apparently overwashed, as evidenced by the presence of large logs up in the marsh on the south side of valley.

SEASONAL and SPECIAL RESOURCE CONCERN

Any response at this location would occur when oil threatens to enter the marsh by overwashing the berm or when the inlet mouth is open.

RESOURCES OF PRIMARY CONCERN

Marsh system behind beach forms small wetland.

Shorebirds and waterfowl utilize estuary and marsh habitat behind beach.

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-416 -A Site Strategy - Hardy Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-416 -A

Latitude N Longitude W
39 42' 30 123 48' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-416.1 Objective: Fly over or visit site to determine if any response is needed

This site will probably not benefit from on-site deployment of protection equipment. Site response will likely be limited to oil removal from off the beach.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-416.1	0	0	0	0	0	0	0	0	0		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 1 at Leggett. Follow state route 1 south to private road at M.P. 83.78. Follow this access road until it terminates at the head of the marsh/wetland. Road ends here, it does not access the beach. Proceed by foot. Beach access by steep foot path from state hwy 1 M.P. 83.53. This site is a small tidal inlet at the mouth of Hardy Creek. The site is private property. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Foot access only

WATER LOGISTICS:

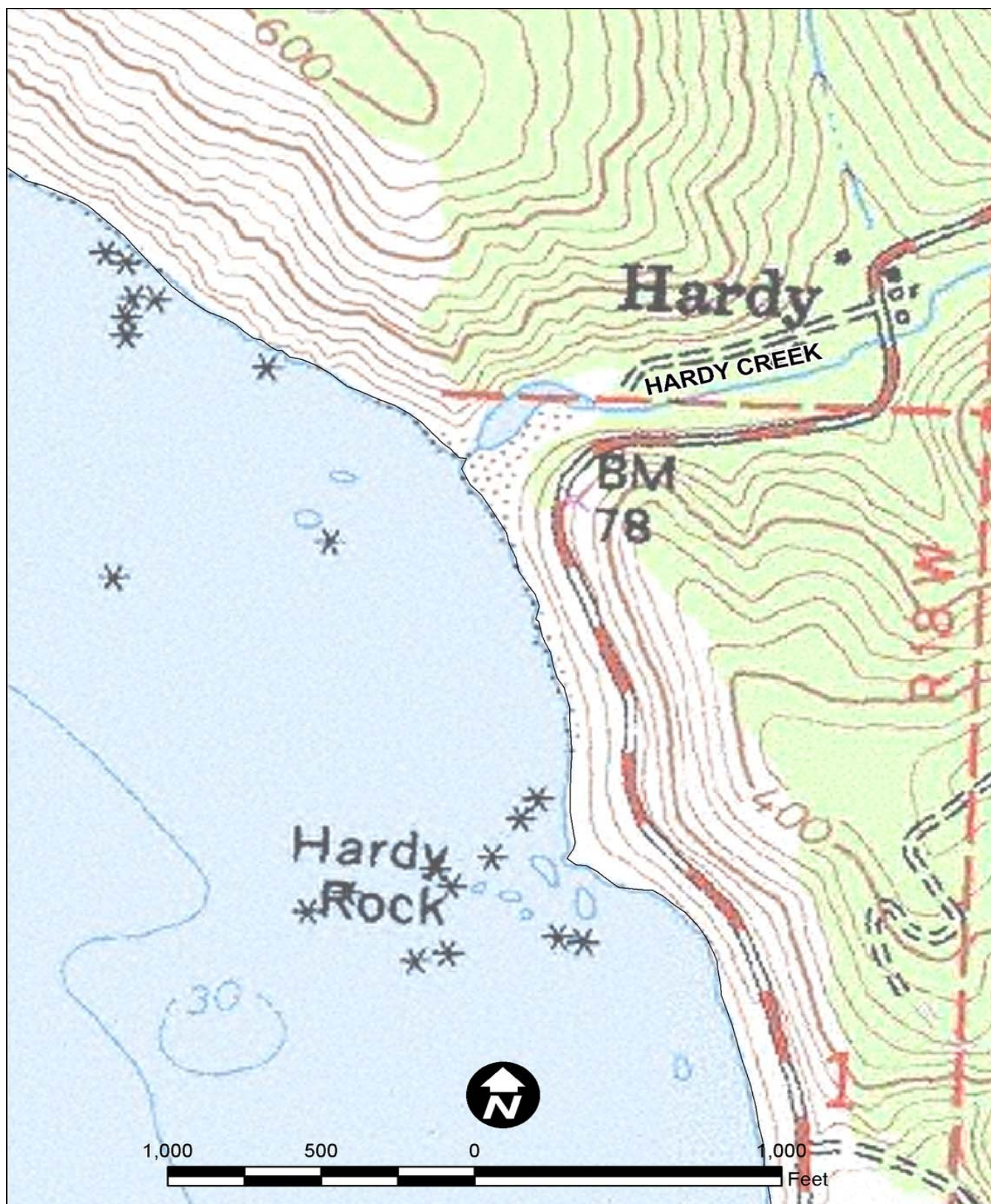
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Very small roadside turn out for staging limited local response equipment. No utilities or facilities.

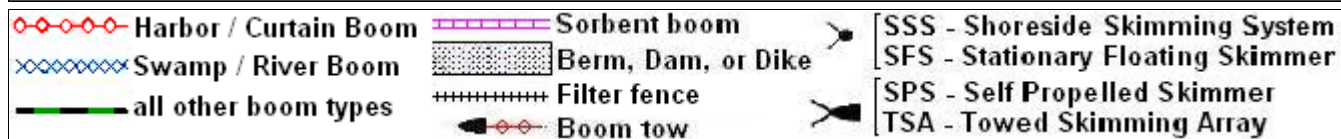
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-416 Site Name: Hardy Creek

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



County: **Mendocino**
 USGS Quad: **Inglennook**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 33' 20" 123 46' 00"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is at the north end of MacKerricher State Park and includes the tidally influenced estuary at the mouth of Ten Mile River. Ownership includes State Parks (south side of river, west of Highway 1 bridge), Caltrans right-of-way, and private property. Tidally influenced river mouth crossing a wide sandy beach. Channel fixed alongside bedrock scarp on the north side of valley. A very well developed marsh system exists landward of state hwy 1 bridge (about .33 mile upriver of mouth).

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of ducks and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Marsh system upriver of mouth

Eelgrass and associated communities in estuary

Snowy plover (FT)(01-12), FWS Critical Habitat, nesting period (March 15-Sept 15). Nests directly in sand above high tide line-may include open beach, foredunes, dunes, gravel bars and river mouths.

Raptors incl. Osprey and peregrine falcon (01-12); burrowing owls and northern harrier in back dunes.

Brant, brown pelican

Harbor seals, river otters

Globose dune beetle

Tidewater goby (FE,SSC)(01-12) in estuary, FWS Critical Habitat

Anadromous salmonids: Coho salmon (FE,SE) and Steelhead (FT):

- spawning runs (09-06)

- smolts/juveniles (02-08)

Surf smelt and night smelt spawning (04-08)

Surfperch spawn (04-08)

Juvenile Dungeness crab nursery area (07-10)

Eelgrass in estuary

Menzies wallflower (SE,FE), Leafy reed grass (CNPS List 4.2, CA Rare), Mendocino coast paintbrush (CNPS List 1B.2), Howell's spineflower (FE,ST)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-430 -A Site Strategy - Ten Mile River

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-430 -A

Latitude N Longitude W
39 33' 20 123 46' 00"

CONCERNS and ADVICE to RESPONDERS:

Contact State Parks if response is necessary. Snowy plover critical habitat present on beach; may require biological monitors to avoid disturbance.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-430.1 Objective: Boom oil to prevent spread on an incoming tide, and strand oil for easy collection on the south side of the estuary.

Boom from the rocky cliff face on the north and strand oil on the sand near the mouth of the river on the southern shore. Note: this is potential snowy plover habitat.

Strategy 1-430.2 Objective: Pre-clean the beach before oil arrives

Pre-clean the beach by moving debris above the incoming high tide height using hand crews. Restrict beach access points and keep traffic below the high tide line as this beach may have Snowy plover (listed species) nests on it.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-430.1	600	0	0	600	6 22-lb danforth		2	0	0	10	2
1-430.2	0	0	0	0	0		0	0	0	1	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Turn west on state hwy 20 and continue to state Hwy 1 at Fort Bragg. Turn north on state hwy 1 and go north about 10 miles to Ten Mile River. Exit right onto dirt road at M.P. 69.22. Follow <0.10 Mile. Turn west (left) on small road (locked gate - get access from Caltrans) before main road makes sharp turn to right and descends to base of hill. Follow dirt road for 0.5 miles under Hwy 1 Ten Mile River Bridge to State Park boundary. No vehicle access beyond Natural Preserve sign at Park boundary without authorization. In the event of emergency, all-terrain vehicles would provide the only possible vehicle access. Biological monitoring to avoid disturbance would be required. This site is at the north end of MacKerricher State Park and includes the tidally influenced estuary at the mouth of Ten Mile River. Ownership includes State Parks (south side of river, west of Highway 1 bridge), Caltrans right-of-way, and private property.

LAND ACCESS: Locked Gate Access, contact Sheriff or Caltrans

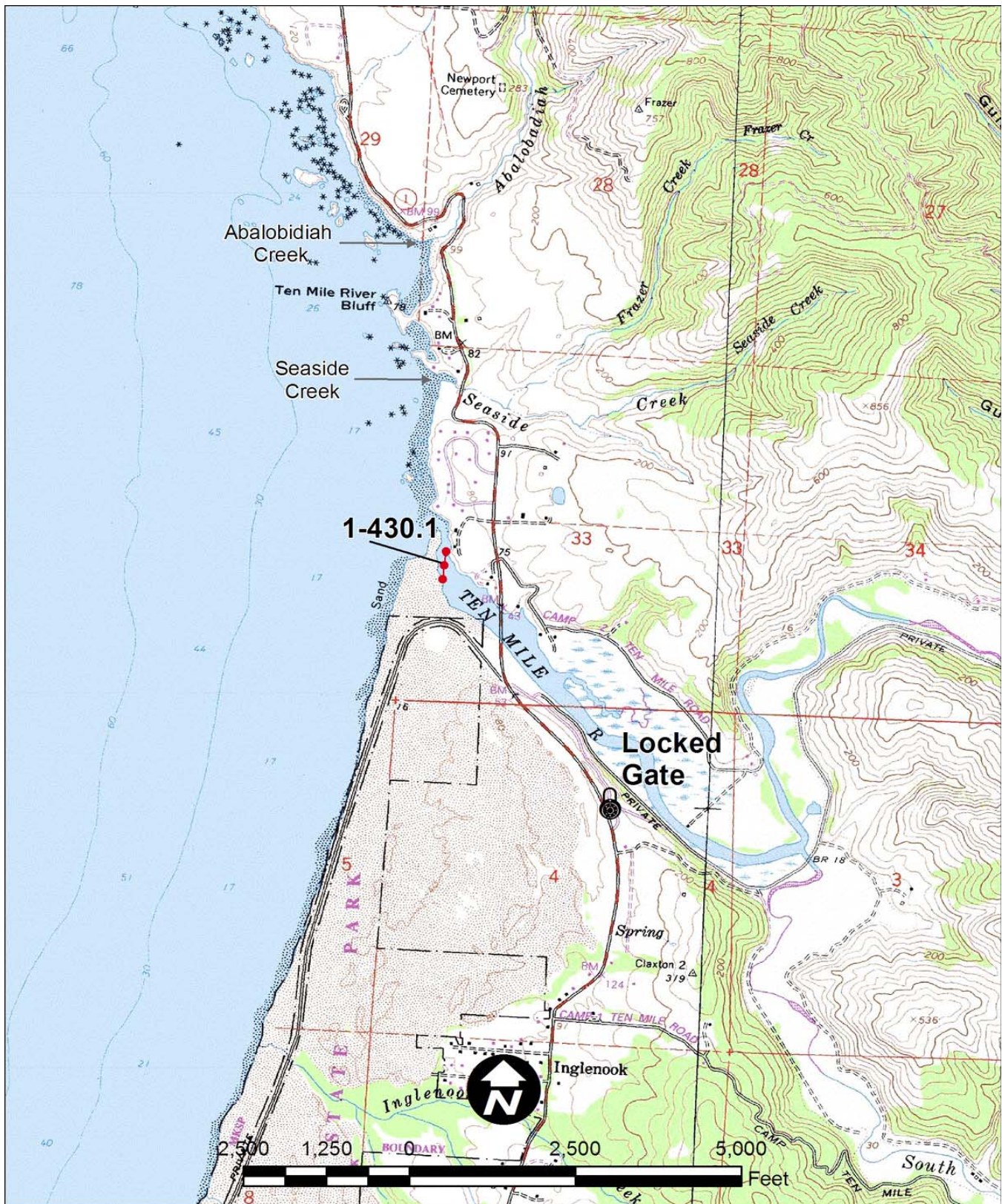
WATER LOGISTICS: Limited small punt hand launch only

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

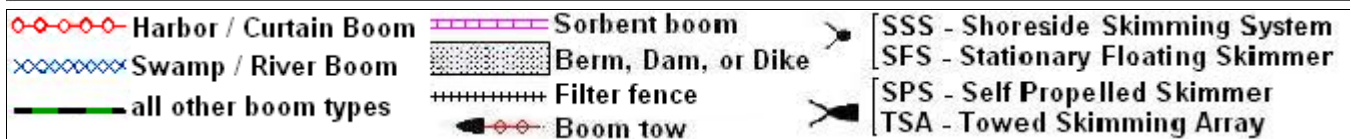
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-430 Site Name: Ten Mile River

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: August 30, 2011



County: **Mendocino**
 USGS Quad: **Inglenook**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N
 39 32'
 Longitude W
 123 46' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is within MacKerricher State Park managed by State Parks. This site is bounded roughly between the mouths of the two creeks that flow across the wide sandy beaches that are backed by vegetated dunes. Inglenook Creek and Sandhill Lake Creek (also known as Fen Creek in most State Parks documents) are seasonal creeks that flow across the beach. The presence of woody debris well back into the streams where they cross the dunes indicates considerable tidal and winter storm influence.

SEASONAL and SPECIAL RESOURCE CONCERN

These seasonal creeks may provide salmonid habitat during high flow regimes. Oil spill response at the mouths of these creeks is not likely to occur under these high flow conditions.

RESOURCES OF PRIMARY CONCERN

Marsh habitat within stream mouths. Dune vegetation.

Snowy plover (FT)(01-12), FWS Critical Habitat, nesting period (March 15-Sept 15). Nests directly on sand within dunes.

Globose dune beetle (01-12) found within area of two creeks
 Northern red-legged frog (SSC) in creeks

tidewater goby (FE,SSC) may be present

Howell's spinneflower (FE,ST) Menzies wallflower (SE, FE), Leafy reed grass (CNPS List 4.2, CA Rare) found within area of two creeks

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-432 -B Site Strategy - Inglenook Creek and Sandhill Lake Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-432 -B

Latitude N Longitude W
39 32' 123 46' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Clean up at this site would probably be a part of a larger effort to clean the entire beach from Pudding Creek to 10 Mile River. Getting access and controlling public use on this popular recreational bike and jogging path between Pudding Creek and Ward Avenue will require coordination with the local agencies and State Parks.

HAZARDS and RESTRICTIONS:

The site is remote and can only be accessed by foot or from all-terrain vehicles after authorization by State Parks. No access from old Haul Road.

SITE STRATEGIES

The beach is designated by FWS as Snowy plover Critical Habitat. Contact State Parks prior to initiating any response here for access authorization. These shorebirds lay eggs in small cryptic nests at the upper tidal edge. Responders must keep their activity on paths below this area when working on the beach. Coordinate designated access paths with State Parks to and from the beach to minimize potential impacts from response traffic when working in this area. Authorization and monitoring required.

Strategy 1-432.1 Objective: General response clean up after the beach has been oiled.

When personnel are sent to this site, they should be prepared to create authorized access corridors across any dunes to the wet sand zone on the beach with State Parks. Workers should generally stay away from the upper intertidal sandy beach habitat where snowy plovers may be nesting. Peak nesting period occurs from March 15-Sept 15.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-432.1	0	0	0	0	0	0	0	0	0		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Turn west on state hwy 20 and continue to state hwy 1 at Fort Bragg. Turn north on state hwy 1 and go north about 10 miles to Ten Mile River. Same access as for Ten Mile River (1-430-A) into the general area of the two creeks. Inglenook Creek is about 2 miles south of the mouth of Ten Mile River and is only accessible by foot or all-terrain vehicles after authorization from State Parks. Sandhill Lake Creek (aka Fen Creek) is south of Inglenook Creek by about .4 mile and has similar access restrictions. The access gate near Ten Mile River is locked, but keys can be obtained from Caltrans. Note: no access from old Haul Road but access from south may be authorized from Ward Avenue. This site is within MacKerricher State Park managed by State Parks.

LAND ACCESS: Foot or all-terrain vehicles. Locked gates.

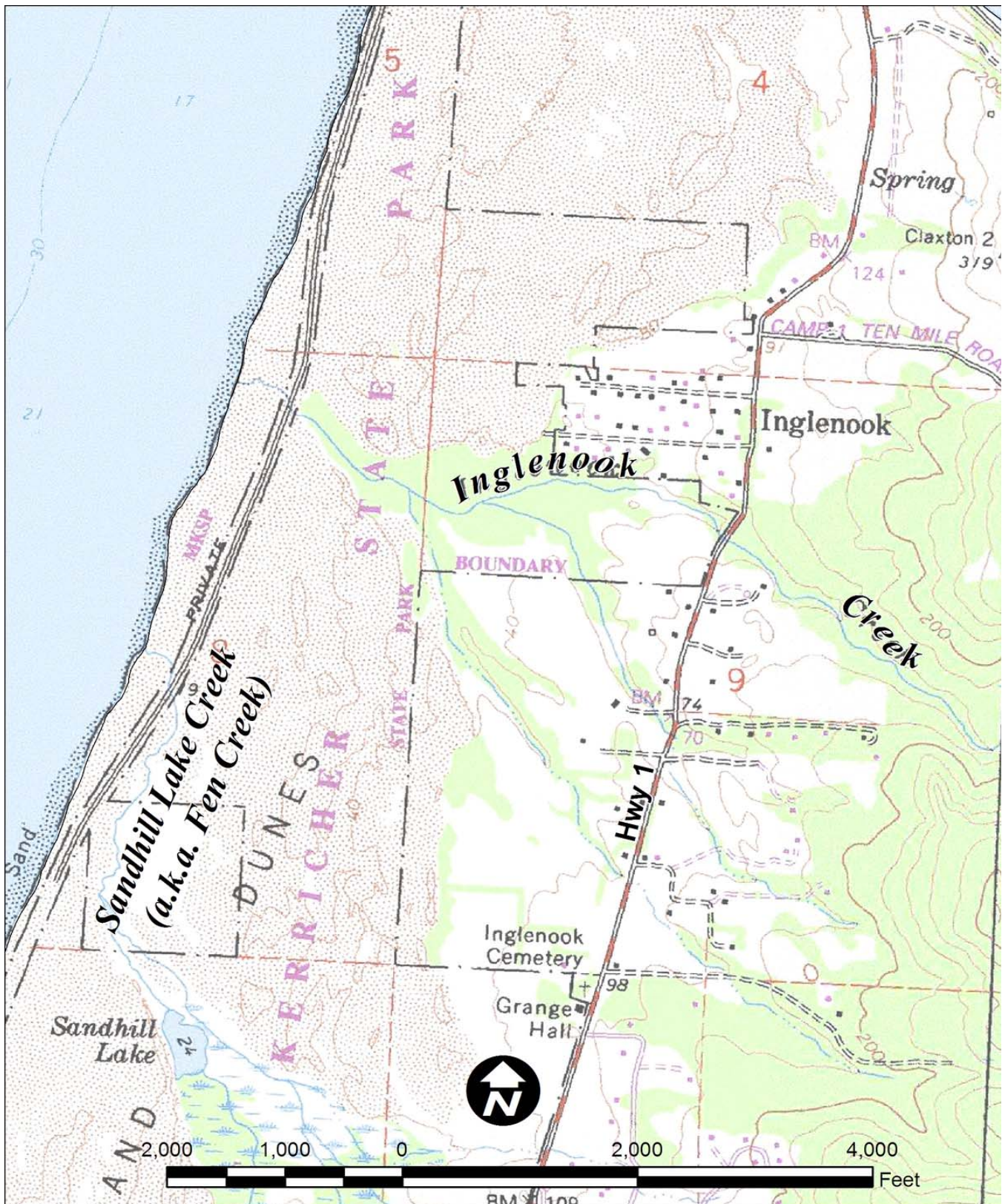
WATER LOGISTICS: Water access is probably not an option at this site.
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The nearest large staging area is in Fort Bragg Harbor.

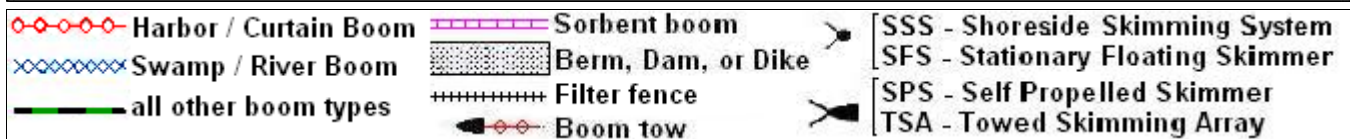
COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-432 Site Name: Inglenook Creek and Sandhill Lake Creek (a.k.a. Fen Creek)

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: August 30, 2011



County: **Mendocino**
 USGS Quad: **Fort Bragg**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N Longitude W
 39 27' 30" 123 48' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is located just north of Fort Bragg along State Highway 1. This site is at the southern end of MacKerricher State Park. Seasonal tidal inlet across wide sandy beach. Intertidal and nearshore seastacks south of the creek entrance, and wave-cut platforms to the north. Some fringing marsh exists about .3 mile upstream. A wooden trestle crosses the creek near the mouth.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of ducks and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Marsh

Seabirds, shorebirds including black oystercatcher
 Osprey (01-12)

Tidewater goby (FE,SSC)(01-12), FWS Critical Habitat

Barnacles, mussels, associated invertebrates

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Fort Bragg VFD 24-hour Dispatch	(707) 459-5336
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Ft. Bragg Police Department	(707) 964-0200
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-440 -B Site Strategy - Pudding Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-440 -B

Latitude N Longitude W
39 27' 30 123 48' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Contact State Parks for authorization prior to initiating any response here.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-440.1 Objective: Boom & strand oil near the parking lot & access road

Place boom behind the trestle to strand oil on the beach for easy pick up and removal.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-440.1	300	0	0	0	3 22lb+ danforth anchors	0	1	0	0	5	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Go west on state hwy 20 to state hwy 1 at Fort Bragg. Go north on state hwy 1 about 3 miles to Pudding Creek bridge (north end of Fort Bragg). Take Pudding Creek access road to parking lot on the west side of state hwy 1 near mouth of Pudding Creek. Heavy equipment access to the beach is possible at this point. This site is located just north of Fort Bragg along State Highway 1. This site is at the southern end of MacKerricher State Park.

LAND ACCESS: Heavy equipment access. Contact State Parks.

WATER LOGISTICS: No boat launching facilities.

Limitations: depth, obstruction

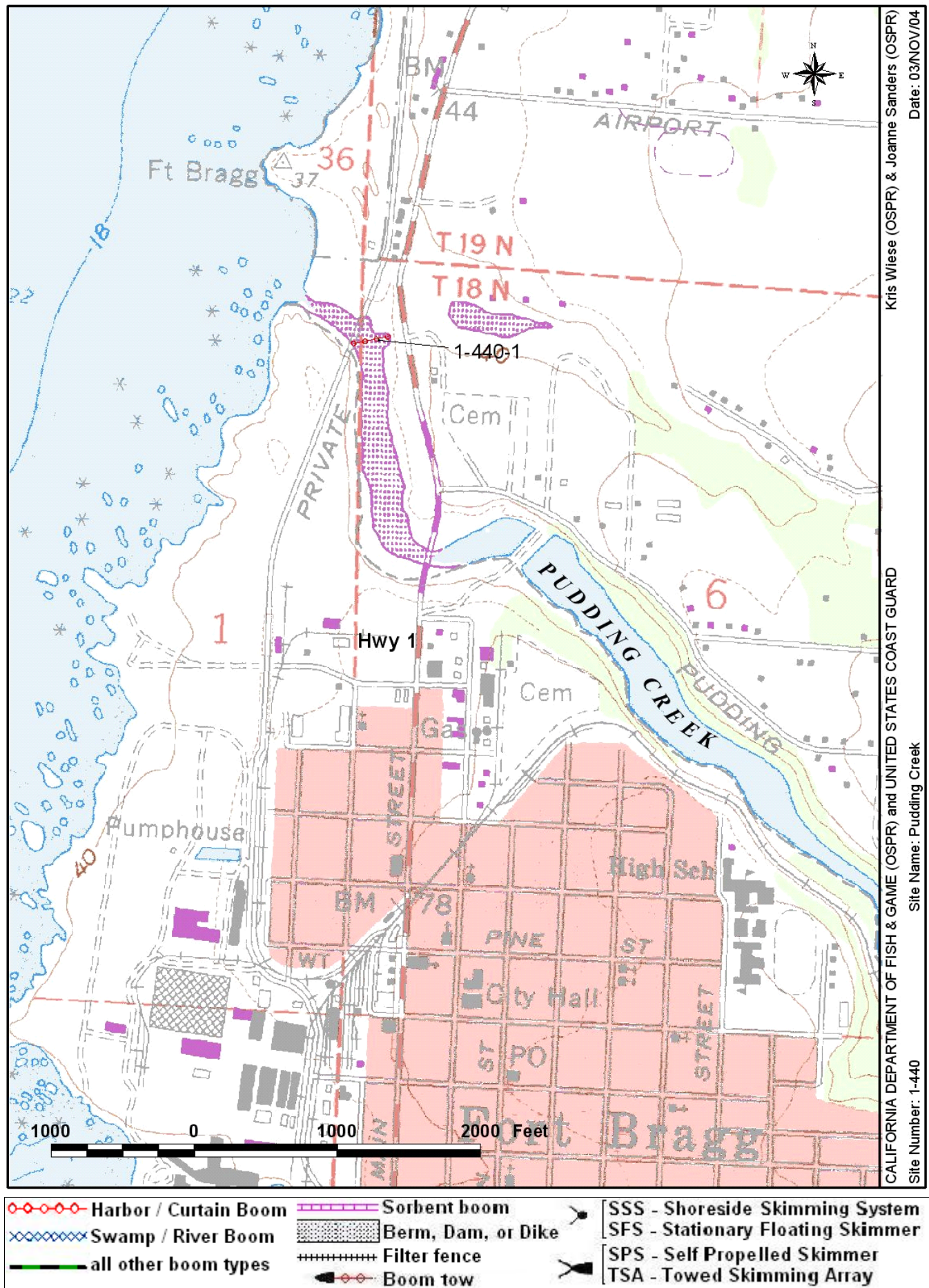
Launching, Loading, Docking and Services Available: Closest launch is Noyo Harbor

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Local equipment staging only

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Fort Bragg**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N Longitude W
 39 26' 30" 123 49'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This rocky point is west of the community of Fort Bragg and just north of the Noyo River mouth. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Rocky coastal headland consisting of wave-cut platforms, bedrock outcroppings, and seastacks (85%). About 15% of shoreline lies within pocket coves consisting of coarse grain sand and pebbles. Short section (200 feet) riprap near mill outfall. Moderate debris consisting of algae and light woody debris found on most beaches. Area fully exposed to wave energy

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird colonies

Haul outs for Harbor seals

Epibiotic communities: mytilus, barnacles, urchins, red abalone

Algal communities consisting primarily of Nereocystus, Postelsia, various laminaria, and encrusting coralline algae. Phyllospadix (surfgrass)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Fort Bragg VFD 24-hour Dispatch	(707) 459-5336
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Ft. Bragg Police Department	(707) 964-0200
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-442 -A Site Strategy - Soldier Point

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-442 -A

Latitude N Longitude W
39 26' 30 123 49'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-442.1 Objective: Prevent spilled oil from floating to this site.

Conventional on-scene response is not possible at this site. Protect with off-site response measures only.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-442.1	0	0	0	0	0	0	0	0	0	Protect with off-site response measures only.	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Go west on state hwy 20 to state hwy 1 at Fort Bragg. Go north on state hwy 1 to Oak Street in the town of Fort Bragg. Turn west into the former Georgia Pacific Corporation Mill. This site lies entirely within Corporation boundaries. This rocky point is west of the community of Fort Bragg and just north of the Noyo River mouth. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking Nearest launch is Noyo Harbor
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 25' 30" 123 48' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the mouth of Noyo River and the tidally influenced estuary upstream approximately two miles to Dolphin Cove marina. Permanently stabilized inlet subject to large waves, strong tidal currents, and strong river outflow. A fine/medium grained sand beach lies just north of the jetty. The entire shoreline between jetties and the state hwy 1 bridge is gravel or riprap. Both sides of the river channel for about .75 mile upriver is highly developed with piers on pilings.

Two marinas exist in the river. A large marina for commercial and recreational boats is located about .75 mile upriver. A smaller marina named Dolphin Cove is located about 2 miles upriver.

SEASONAL and SPECIAL RESOURCE CONCERN

The mouth of the harbor has severe tidal currents that will make any booming efforts difficult if not impossible to do safely.

RESOURCES OF PRIMARY CONCERN

Marsh and estuary

Coastal seabirds, shorebirds, waterfowl
 Osprey (01-12)

Anadromous salmonids: Coho salmon (FE,SE) and Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

Surfperch and Surf smelt spawn on the outer beaches

juvenile Dungeness crab nursery (07-10)

Eelgrass in estuary

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
E		Dolphin Cove Marina	(707) 964-4113
O		Fort Bragg VFD 24-hour Dispatch	(707) 459-5336
T		Noyo Port District	(707) 964-4719
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Ft. Bragg Police Department	(707) 964-0200
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-444 -A Site Strategy - Noyo Harbor Entrance and Dolphin Cove

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-444 -A

Latitude N Longitude W
39 25' 30 123 48' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-444.1 Objective: Collect oil on an incoming tide to prevent spread into the inner harbor

Place boom in the channel to passively move oil to a skimming system.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-444.1	1200	0	0	1200	12 22lb+ danforth anchors	1	0	1 SPS/SFS 1	Crane for deploying the skimmer or barge	10	4

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Noyo Harbor entrance: from U.S. hwy 101 at Willits, take state hwy 20 to state hwy 1 at Fort Bragg. Turn north on state hwy 1 and continue to north side of the Noyo River bridge. Turn east on North Harbor Drive and continue to its end (about 1 mile).

Dolphin Cove: from hwy 20, .25 mile east of hwy 1, turn north on South Harbor Drive. Go .25 mile to base of grade and turn right on Basin Street. Follow Basin Street past USCG station and harbormaster's office to its end at Dolphin Cove Marina (1.5 miles). This site includes the mouth of Noyo River and the tidally influenced estuary upstream approximately two miles to Dolphin Cove marina.

LAND ACCESS: Site is accessible for large truck traffic.

WATER LOGISTICS: Boat ramps available at this site

Limitations: depth, obstruction

Launching, Loading, Docking

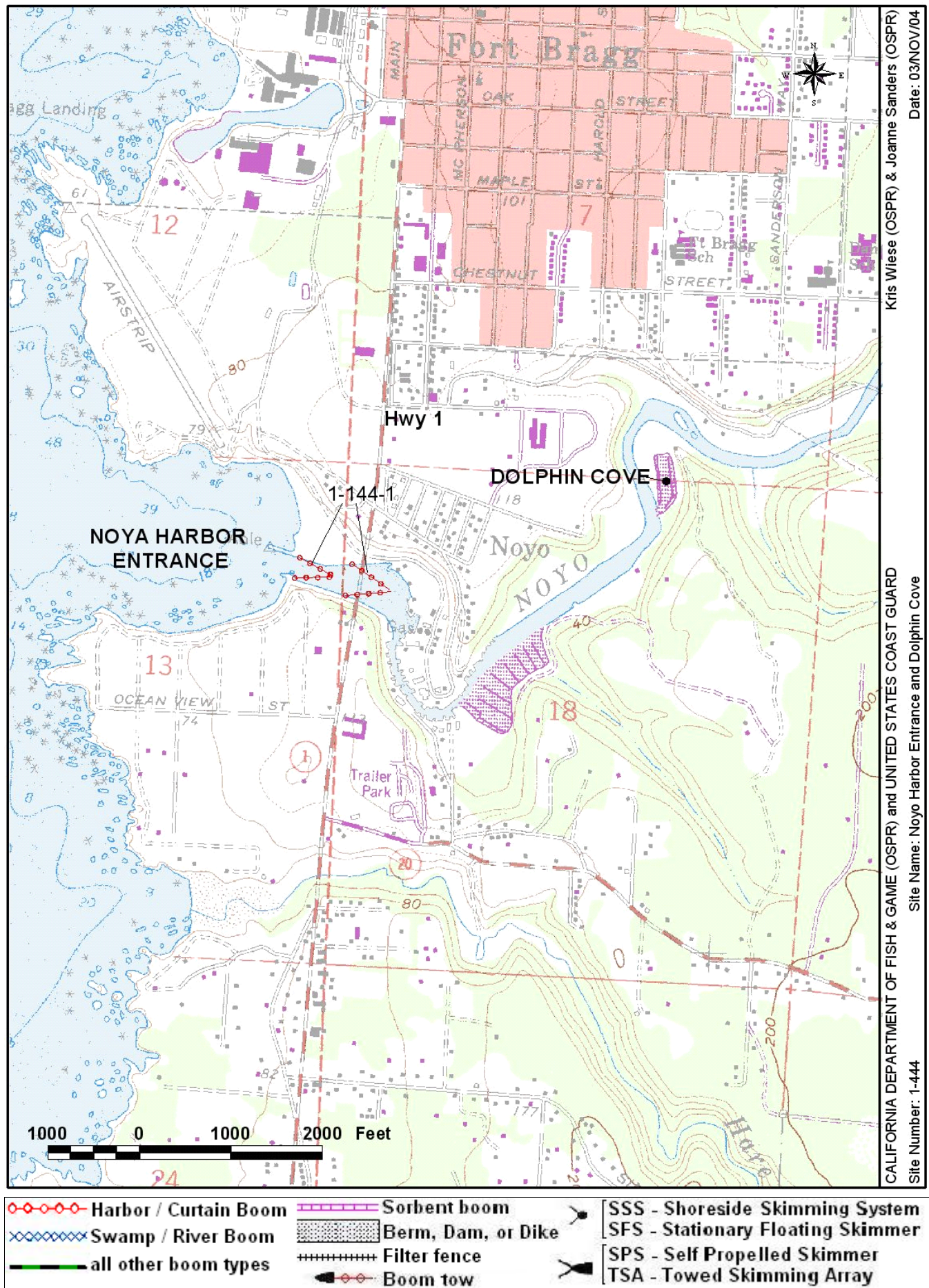
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

This site can serve as a large equipment staging area for large regional area response purposes. Fuel, lodging, food, water, phones, and restroom facilities are all locally available for response needs.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Fort Bragg**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 24' 30" 123 49' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

These sites include the mouths of four streams south of the town of Fort Bragg. Jug Handle Creek and beach are part of the Jug Handle State Natural Reserve owned and managed by State Parks. Jug Handle Cove at the mouth of the creek is designated as a State Area of Biological Significance (prohibiting stormwater and waste discharge). Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Also private properties. Four seasonal tidal inlets (Hare, Digger, Mitchell, and Jug Handle creeks) excising coastal bluffs and flowing across medium grained sandy beaches are found within this site. Small lagoons occasionally form within each creek, but because of the ephemeral nature of the lagoons, wetlands (marshes) have not formed. High tides probably overwash into the lagoons.

SEASONAL and SPECIAL RESOURCE CONCERN

This is a highly populated area with many environmentally conscious neighbors who use these beaches for recreation.

RESOURCES OF PRIMARY CONCERN

Besides the possibility of migrating salmonids in the small creeks, these beaches commonly provide recreational opportunities.

Shorebirds and seabirds including black oystercatcher

Lotis blue butterfly (FE) habitat

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Fort Bragg VFD 24-hour Dispatch	(707) 459-5336
O		Mendocino County Sheriff's Dept.	(707) 463-4086
O		Ft. Bragg Police Department	(707) 964-0200
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-448 -B Site Strategy - South Fort Bragg

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-448 -B

Latitude N Longitude W
39 24' 30 123 49' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Environmentally friendly response efforts must be delivered quickly to prevent the local community from attempting to initiate their own clean-up efforts. Pre-cleaning and hand crew oil collection efforts should commence ASAP to minimize injury to the public. Contact State Parks for authorization prior to initiating any response in Jug Handle State Natural Reserve.

HAZARDS and RESTRICTIONS:

The nearshore waters around this area tend to be rocky reef habitat with many submerged rocks. High surf conditions are also common here.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered. Response at these beaches will likely be limited to picking up oil that is stranded along the shoreline or pre-cleaning the swash line to minimize oiling of drift and debris.

Strategy 1-448.1 Objective: Prevent spilled oil from floating to this site.

Conventional on-scene response is not possible at this site. Protect with off-site response measures only.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-448.1	0	0	0	0	0	0	0	0	Protect with off-site response measures only.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Go west on state hwy 20 to state hwy 1 at Fort Bragg. Turn south on state hwy 1.

Hare Creek - From hwy 1, just south of the Hare Creek bridge, turn southwest on Old Coast Road at M.P. 59.60. After .2 mile turn west on Cypress Road. Follow to 18700 Cypress Road. A small, steep foot trail leads to the creek. Equipment access on the north side of the creek. Turn west at signal light leading to College of the Redwoods and follow road to its end. Access will be difficult because of private property along river bank. Contact property owners. Some damage might occur to lawns and fences. Otherwise the slope to the river appears low enough to permit equipment access.

Digger Creek may be accessed by foot or by car through the private botanical gardens at 18050 Ocean Drive, just south of Hare Creek. The garden's phone number is (707) 964-4352 ext. 16. Additional light equipment access from the North side of Digger Creek can be made by first contacting Holly Kucher @ Ft. Bragg Rental.

Mitchell Creek - from hwy 1, south of Fort Bragg, turn west on Ocean Drive at M.P. 57.50. Follow Ocean Drive .3 mile to Pine Beach Inn parking lot.

Jug Handle Creek and beach - Access by foot only from northwest side of Jug Handle SNR parking lot on west side of hwy 1, south of Fort Bragg, at M.P. 56.00. May need to cross creek to access beach, depending on channel movement. These sites include the mouths of four streams south of the town of Fort Bragg. Jug Handle Creek and beach are part of the Jug Handle State Natural Reserve owned and managed by State Parks. Jug Handle Cove at the mouth of the creek is designated as a State Area of Biological Significance (prohibiting stormwater and waste discharge). Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Also private properties.

LAND ACCESS: Foot access. Some private properties - need owner permission

WATER LOGISTICS: None.

Limitations: depth, obstruction

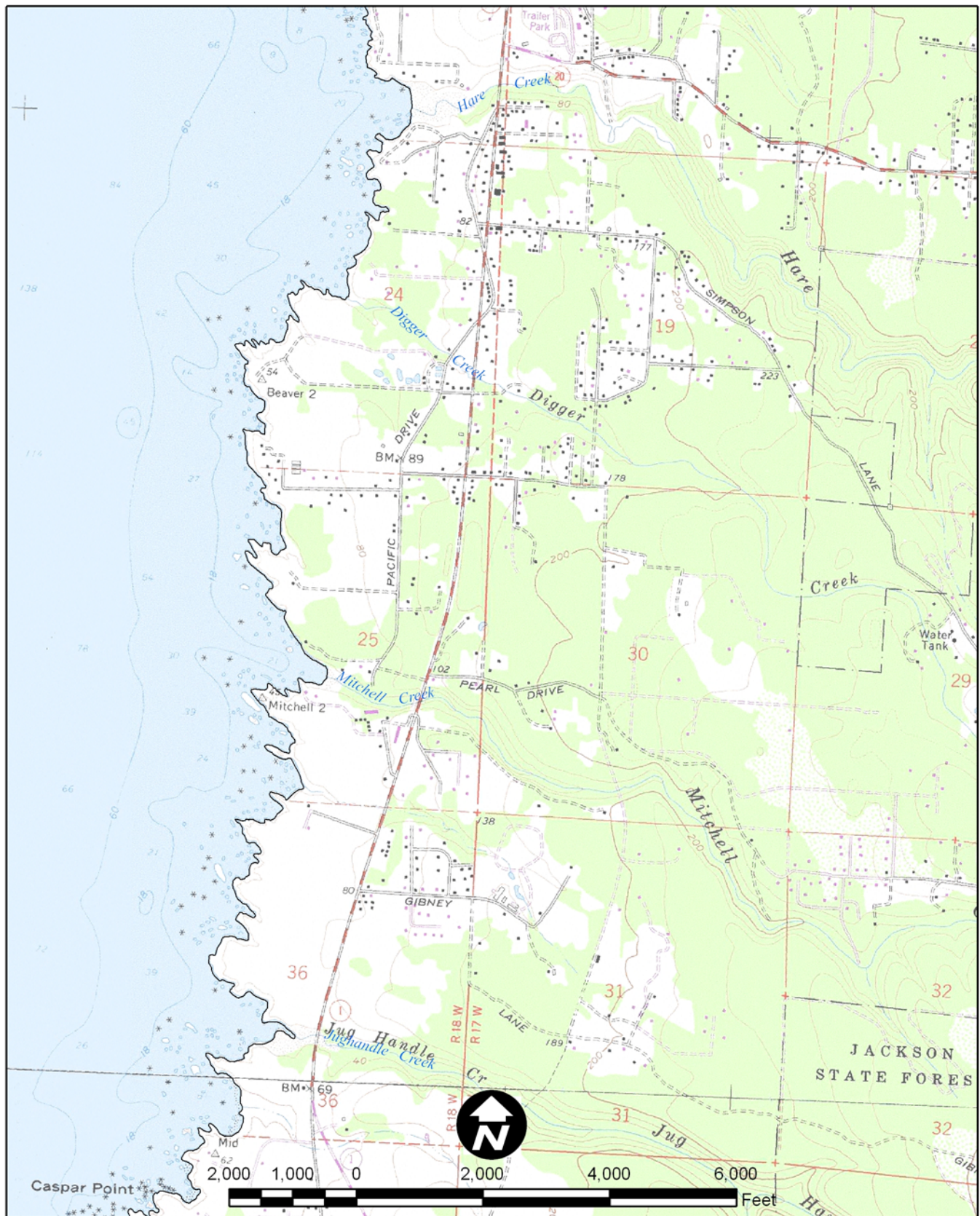
Launching, Loading, Docking Closest launch is Noyo Harbor
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

No staging at these sites

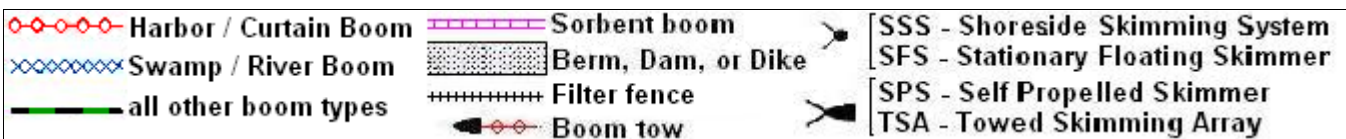
COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



CDFG-OSPR & USCG Site: 1-448 Name: South Fort Bragg

Jeff Dayton (OSPR) & Jo Sanders (OSPR) Date: Oct 1, 2008



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N
 39 22'
 Longitude W
 123 49' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This rocky headland is northwest of the community of Caspar. Caspar Headlands State Reserve, owned and managed by State Parks, encompasses the southeastern area below Capar Point. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Steep rocky headlands and offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird colonies: primarily Pelagic cormorants, Pigeon guillemot, Western gull

Headlands: Lotis blue butterfly (FE) habitat

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-452 -B Site Strategy - Caspar Point

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-452 -B

Latitude N Longitude W
39 22' 123 49' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-452.1 Objective: Prevent spilled oil from floating to this site.

Conventional on-scene response is not possible at this site. Protect with off-site response measures only.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special and	Equipment or kinds	comment	staff deploy	Staff tend
1-452.1	0	0	0	0	0		0	0	0	0			Protect with off-site response measures only.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Go west on state hwy 20 to state hwy 1 at Fort Bragg. Turn south on state hwy 1. Continue until town of Caspar is reached. Exit right, follow road into Caspar. The town is located southeast of Caspar Point. Contact State Parks for additional access/information (707.937.5804). This rocky headland is northwest of the community of Caspar. Caspar Headlands State Reserve, owned and managed by State Parks, encompasses the southeastern area below Capar Point. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Foot access to headlands. Shoreline access limited by cliffs.

WATER LOGISTICS:

Limitations: depth, obstruction

Launching, Loading, Docking and Services Available: Small craft hand launch possible at Caspar Beach, south of Caspar. Use Point Cabrillo Drive to access beach.
Nearest large launch is Noyo Harbor

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



1-454 -A Site Summary- Caspar Creek and Doyle Creek**1-454 -A**County: **Mendocino**
USGS Quad: **Mendocino**Thomas Guide Location
CA Road Atlas
NOAA Chart: **18626**Latitude N Longitude W
39 21' 30" 123 49'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is at the mouth of two creeks that enter the ocean within a cove just south of the community of Caspar. There is a small beach between the two creeks. The south end of the beach is owned and managed by State Parks as Caspar Headlands State Beach. The area north of Caspar Creek and the headlands to the northwest are owned and managed by State Parks as Caspar Headlands State Reserve. Mendocino Land Trust owns the remainder of the beach between the creeks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Creeks flow alongside bedrock bluffs (Caspar Creek along north bluff and Doyle Creek along south bluff) and across medium grained sandy beaches. Caspar Creek has a small lagoon with a fringing marsh on its east side. Some wetland areas also exist along Doyle Creek. Riprap fronts the access road at the back of the beach and could be oiled under storm conditions.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of ducks and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Freshwater and saltwater marshes in both creeks

Foraging seabirds and shorebirds. Waterfowl resting, feeding, nesting in the small Caspar Creek lagoon. Osprey and nesting territory nearby

Steelhead (FT) spawning (10-06), juveniles/smolts (02-08). Juveniles may be present in nearshore moving between the two creeks.

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
E		Mendocino Land Trust	(707) 962-0470
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-454 -A Site Strategy - Caspar Creek and Doyle Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-454 -A

Latitude N Longitude W
39 21' 30 123 49'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Contact State Parks for authorization prior to initiating any response on State Parks lands.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-454.1 Objective: Exclusion boom Casper Creek to prevent oil from moving upstream on an incoming tide.

Exclusion boom the mouth of Casper Creek

Strategy 1-454.2 Objective: Exclusion boom Doyle Creek to prevent oil from moving upstream on an incoming tide.

Exclusion boom the mouth of the creek

Strategy 1-454.3 Objective: Install a filter fence in Doyle Creek to prevent oil from moving upstream on an incoming tide.

Install a filter fence using pom poms, stakes, & line

Strategy 1-454.4 Objective: Dam Doyle Creek to prevent oil from moving upstream on an incoming tide.

Construct an underflow dam using either heavy equipment or sandbags & hand crew

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-454.1	300	0	0	0	6 22lb+ danforth anchors	0	0	0	0	8	
1-454.2	200	0	0	0	4 22lb+ danforth anchors	0	0	0	0	8	
1-454.3	0	0	0	0	0	0	0	0	200 feet of pom poms, line & stakes	8	2
1-454.4	0	0	0	0	0	0	0	0	1 Front end loader or lots of sand bags	8	2

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to Willits. Go west on state hwy 20 to state hwy 1 at Fort Bragg. Turn south on state hwy 1. Take P. Cabrillo Drive (M.P. 54.66) west from hwy 1 on the south side of Caspar Creek bridge. Follow for .5 mile to pull out on Caspar Creek beach. Access for beach is near Caspar Beach RV park. Easuest access to beach is near Doyle Creek. This site is at the mouth of two creeks that enter the ocean within a cove just south of the community of Caspar. There is a small beach between the two creeks. The south end of the beach is owned and managed by State Parks as Caspar Headlands State Beach. The area north of Caspar Creek and the headlands to the northwest are owned and managed by State Parks as Caspar Headlands State Reserve. Mendocino Land Trust owns the remainder of the beach between the creeks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Drive on vehicle access. Contact State Parks and Mendocino Land Trust.

WATER LOGISTICS:

Limitations: depth, obstruction

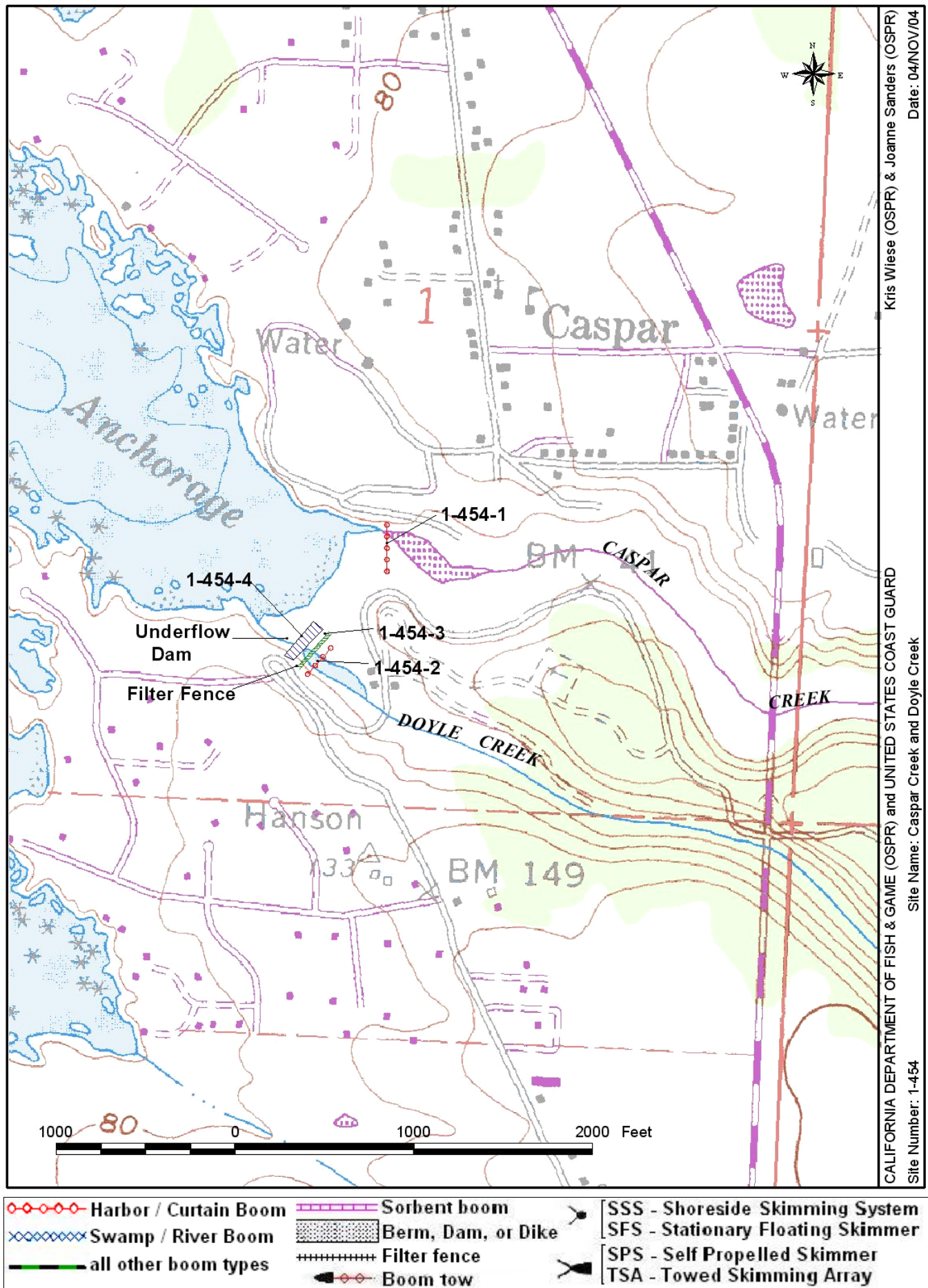
Launching, Loading, Docking and Services Available: Small craft hand launch is possible at Caspar Beach.
Nearest large launch is Noyo Harbor

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Staging at this site is adequate for immediate site needs only. The site is close to Fort Bragg and does not have on site facilities.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 20' 30" 123 49' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the coastline between Pt Cabrillo and Russian Gulch State Park. The lighthouse property at Pt Cabrillo is owned by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. CA Dept. of Fish and Game Marine Reserve. Fully exposed bedrock outcroppings and wave-cut platforms. Surge channels and pocket coves with sheer bedrock walls. Some channels and pocket coves have gravel beaches at their inland end. Algal debris abundant in some protected channels and coves. No facilities. Access to beach limited by steep rock walls. Jack Peters Creek excises a deep gulch and flows across a medium grained sand beach. No lagoon or wetlands present. Nearshore and offshore rocks throughout coastline.

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

Tide pool habitats along this shore are highly vulnerable to oiling. The offshore rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabirds: Black oystercatchers, Pelagic cormorants, Pigeon guillemots (04-08).
 Osprey and nearby nests

Lotis blue butterfly (FE)(01-12) in sphagnum bogs within stands of pine near the point
 Harbor seal haul-outs and pupping areas

Steelhead (FT) - spawning run (10-06), juveniles/smolts (02-08)
 Red abalone, mussels, urchins, goose-neck barnacles

Postelsia, Nereocystis, Egregia

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171
E	Steve Nilson President	Pt. Cabrillo Lightkeepers Association	(707) 937-6123

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-456 -A Site Strategy - Pt Cabrillo to Russian Gulch

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-456 -A

Latitude N Longitude W
39 20' 30 123 49' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

steep pocket beaches, rock walls, no shoreline access over much of area

SITE STRATEGIES

Strategy 1-456.1 Objective: Minimize oiling of the creek tidal area

Construct a double layered filter fence to exclude oil from the upper tidal area. Total length of fence would be about 450 feet.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvae and dear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-456.1	0	0	0	0	0	0	0	0	450 pompoms, stakes, line	5	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. Hwy 101 at Willits, take state Hwy 1 at Fort Bragg. Go south on state hwy 1 to M.P. 54.66 (N. end of Pt. Cabrillo Drive), turn west. Continue 1.2 miles, passing Caspar Creek Beach, to Lighthouse Road. Turn west on Lighthouse Road to unlocked gate. There is no beach access at lighthouse (cliffs and steep rock walls).

For access to Russian Gulch: Exit west from hwy 1 at south exit to Pt Cabrillo Drive M.P. 52.97. Immediately turn left into Russian Gulch State Park entrance. Continue on main road down hill, behind Hwy 1 bridge. Turn right at bottom of hill to Beach parking lot. Recreation Hall is located at road junction. This site includes the coastline between Pt Cabrillo and Russian Gulch State Park. The lighthouse property at Pt Cabrillo is owned by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Access restricted to medium sized utility trucks.

WATER LOGISTICS:

Limitations: depth, obstruction

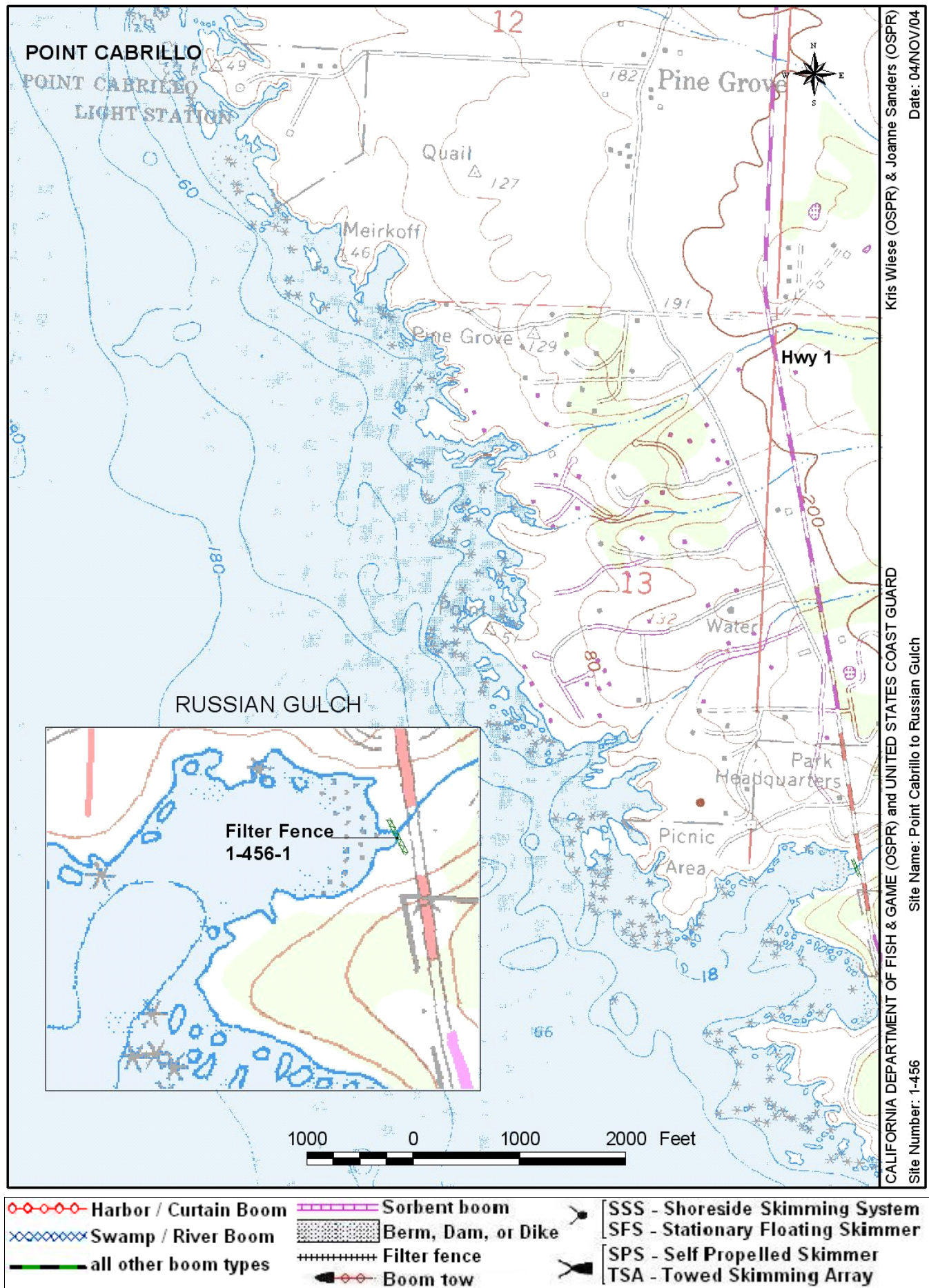
Launching, Loading, Docking Small punt hand launch possible at Russian Gulch Beach.
and Services Available: Closest large launch is Noyo Harbor

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The recreation hall in the Russian Gulch State Park could be used as an Incident Command Post if outside comms were brought in.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



1-458 -B Site Summary- Mendocino Headlands State Park**1-458 -B**

County: **Mendocino**
USGS Quad: **Mendocino**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18626**

Latitude N
39 18'
Longitude W
123 48' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is composed of the rocky shoreline adjacent to the community of Mendocino and is managed by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Rocky bluffs, surge channels, seastacks and offshore rocks. Fully exposed wave energy

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird colonies, primarily Pelagic cormorant, Pigeon guillemot, Western gull, Black oystercatcher

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-458 -B Site Strategy - Mendocino Headlands State Park

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-458 -B

Latitude N Longitude W
39 18' 123 48' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-458.1 Objective: Prevent spilled oil from floating to this site.

Conventional on-scene response is not possible at this site. Protect with off-site response measures only.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvpe and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment	staff deploy	Staff tend
1-458.1	0	0	0	0	0		0	0	0	0	Protect with off-site response measures only.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. Hwy 101 at Willits, take state Hwy 20 to state Hwy 1 at Fort Bragg. Go south on state Hwy 1 to the Mendocino exit (Lansing Street). In Mendocino, turn west on Heeser Drive to its end at the headlands. This site is composed of the rocky shoreline adjacent to the community of Mendocino and is managed by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Shoreline access is limited to foot traffic

WATER LOGISTICS: No launching facilities are available at this site.

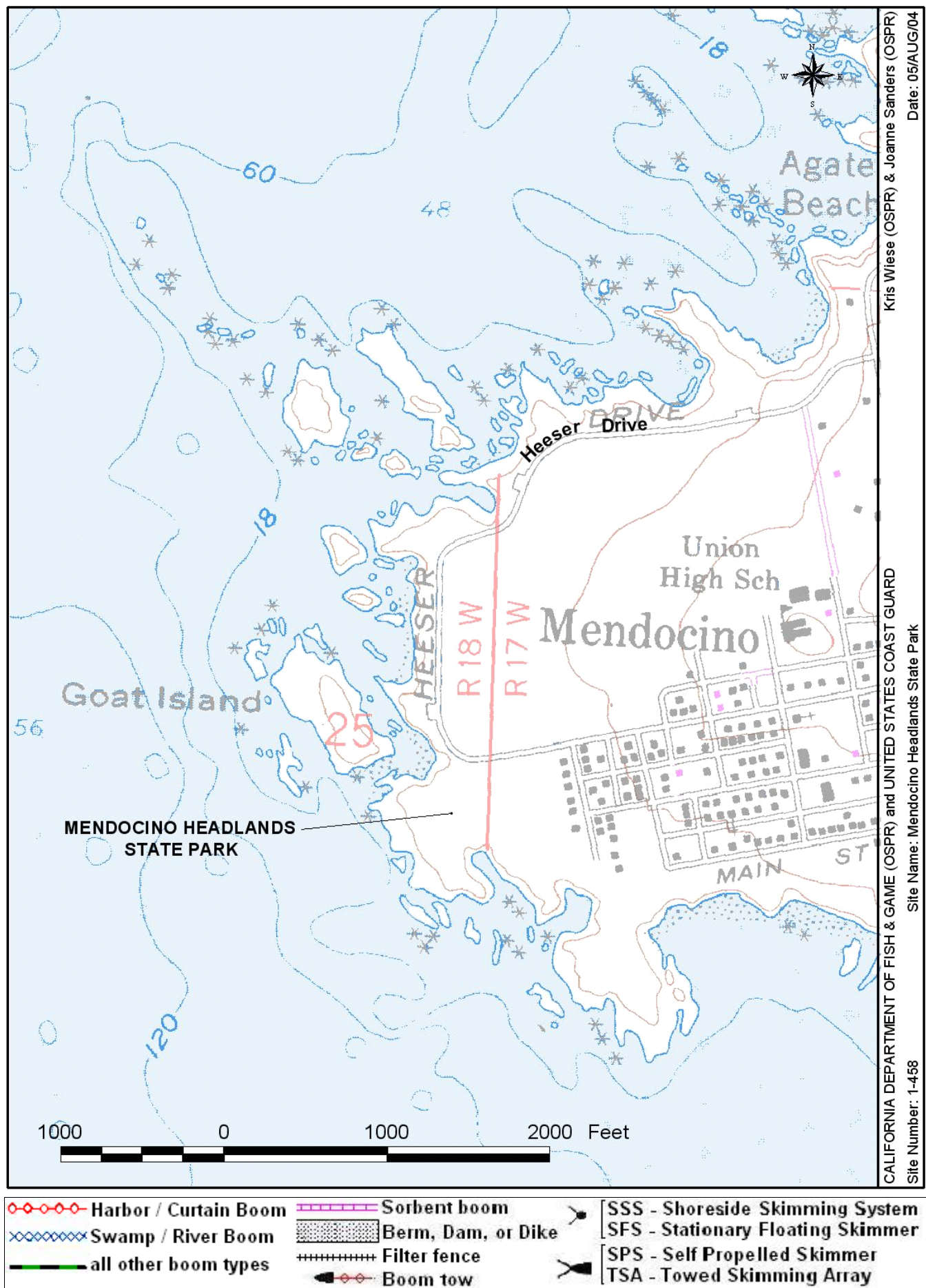
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Staging for local response equipment is available in the parking lots above the beaches in the general area. These parking lots are unpaved and have no utilities. Food service and phones are the only resources generally available for response in the immediate area.

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N
 39 18'
 Longitude W
 123 47' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the tidal estuary where Big River enters Mendocino Bay. The north shoreline and beach west of the State Hwy 1 bridge lie within Mendocino Headlands State Park. Most of the estuary and shoreline east of the bridge, as well as the surrounding forestland, are part of the Big River Unit of the park. Caltrans owns a right-of-way near the bridge and Campbell Hawthorn owns a small parcel near the beach parking lot. Wide, sandy tidal inlet with well developed marsh complex upstream along channel margins. Strong tidal currents.

SEASONAL and SPECIAL RESOURCE CONCERN

RESOURCES OF PRIMARY CONCERN

The estuary provides habitat for many kinds of waterfowl, waterbirds, and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

Area is visited by foraging shorebirds and seabirds. Osprey (01-12)

Marsh birds and wading birds (herons and egrets)

Double-crested cormorants nest in river corridor

harbor seals, river otters

Coho salmon (FE,SE) and Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

Tidewater goby (FE,SSC)

River serves as Dungeness crab nursery at times

Herring spawn on Eelgrass

Eelgrass in estuary

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-460 -A Site Strategy - Big River

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-460 -A

Latitude N Longitude W
39 18' 123 47' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Contact State Parks if response is necessary here due to possible presence of endangered tidewater goby in area.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Strategy 1-460.1 Objective: Divert incoming oil to the north shore for collection when oil present

Exclusion/diversion booming to land oil on the sand near the parking lot.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-460.1	1000	0	0	2000	10 22lb+ danforth anchors	0	2	0	0	10	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101 at Willits, take state HWY 20 to state HWY 1 at Fort Bragg and go south through Mendocino. Turn left before crossing the bridge over Big River, onto North Big River Road. Follow road .2 mile to parking lot. At low tide, vehicles could access mouth of river by proceeding along beach appx. .5 mile. At higher tides, no access to mouth is possible by vehicle. This site includes the tidal estuary where Big River enters Mendocino Bay. The north shoreline and beach west of the State Hwy 1 bridge lie within Mendocino Headlands State Park. Most of the estuary and shoreline east of the bridge, as well as the surrounding forestland, are part of the Big River Unit of the park. Caltrans owns a right-of-way near the bridge and Campbell Hawthorn owns a small parcel near the beach parking lot.

LAND ACCESS: Large vehicle can access this site. Contact State Parks first.

WATER LOGISTICS: Small boat launch ramp on site.

Limitations: depth, obstruction

Launching, Loading, Docking

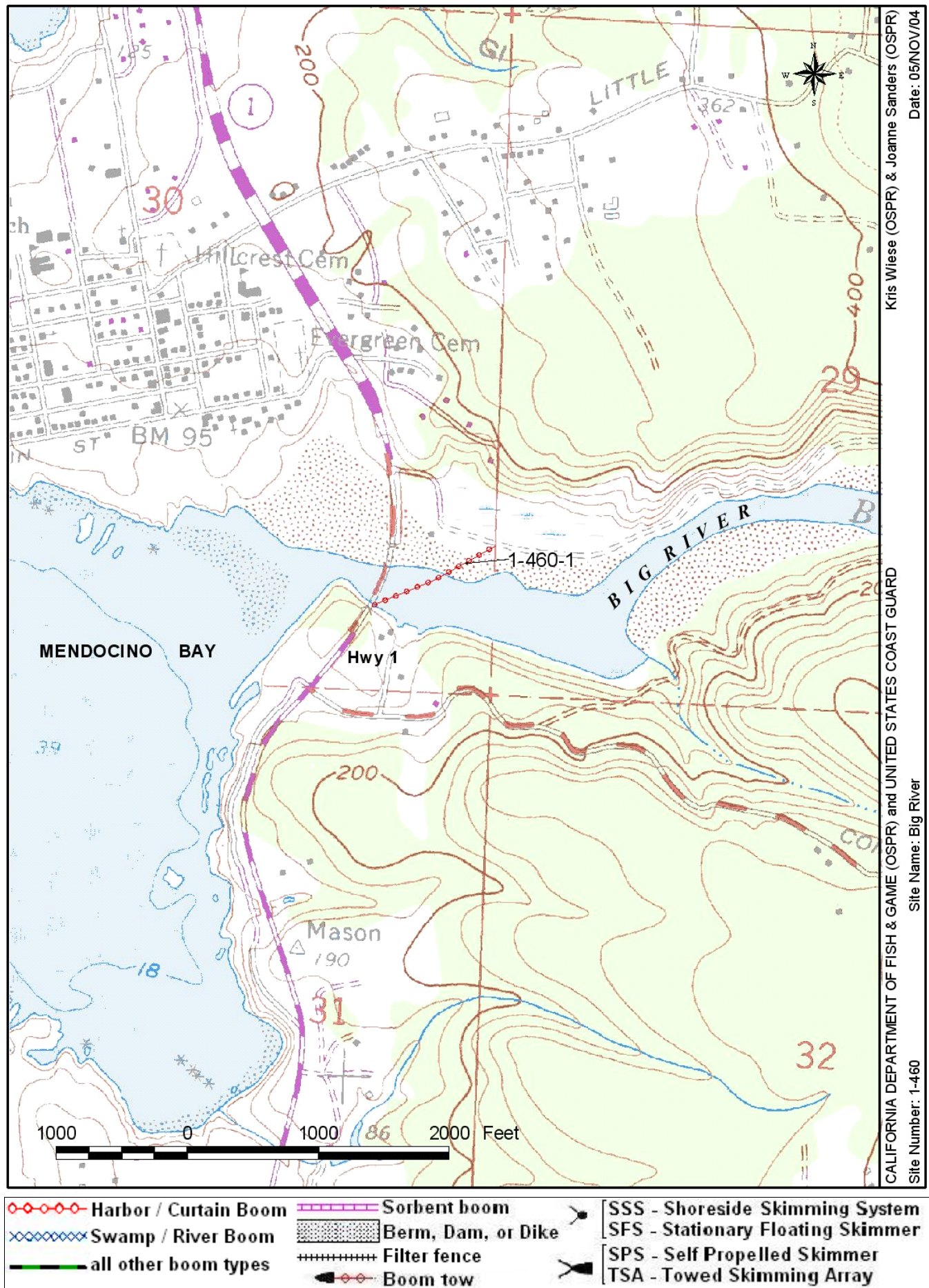
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The parking lot could be used to stage enough equipment to supply the needs of other response sites in the area. The small boat launch ramp is suitable for small motorized craft only, and probably not good to launch ocean response vessels. The site does not have lodging, fuel, water, or electricity (all available nearby in Mendocino).

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 15' 30" 123 47' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is comprised of the small bay south of the community of Mendocino. The north shoreline of the bay is included in Mendocino Headlands State Park. The estuary and beach parking area are also a part of the State Park (east side of Hwy 1 bridge). Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Large crescent shaped bay opening to the west. Big River enters the ocean at this point. Offshore rocks.

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird rookeries (03-09): Brandt's and pelagic cormorants, Black oystercatcher, Western gull, Pigeon guillemot, Tufted puffin (SSC). Roosts (01-12)

Marine mammals use area for haul-outs

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-462 -B Site Strategy - Mendocino Bay

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-462 -B

Latitude N Longitude W
39 15' 30 123 47' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme current, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-462.1 Objective: Off site dispersion may be the only option. Response in this area would be difficult under typical sea conditions.

Apply dispersants to off site oil before it arrives at this sensitive site.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-462.1	0	0	0	0	0	0	0	0	0	Protect with off-site response measures only.	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101 at Willits, take state hwy 20 to state hwy 1 at Fort Bragg. Go south on hwy 1. From hwy 1, south side of hwy 1 bridge over Big River at Mendocino, go east on North Big River Road. Follow road .2 miles to parking lot. This site is comprised of the small bay south of the community of Mendocino. The north shoreline of the bay is included in Mendocino Headlands State Park. The estuary and beach parking area are also a part of the State Park (east side of Hwy 1 bridge). Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS:

WATER LOGISTICS:

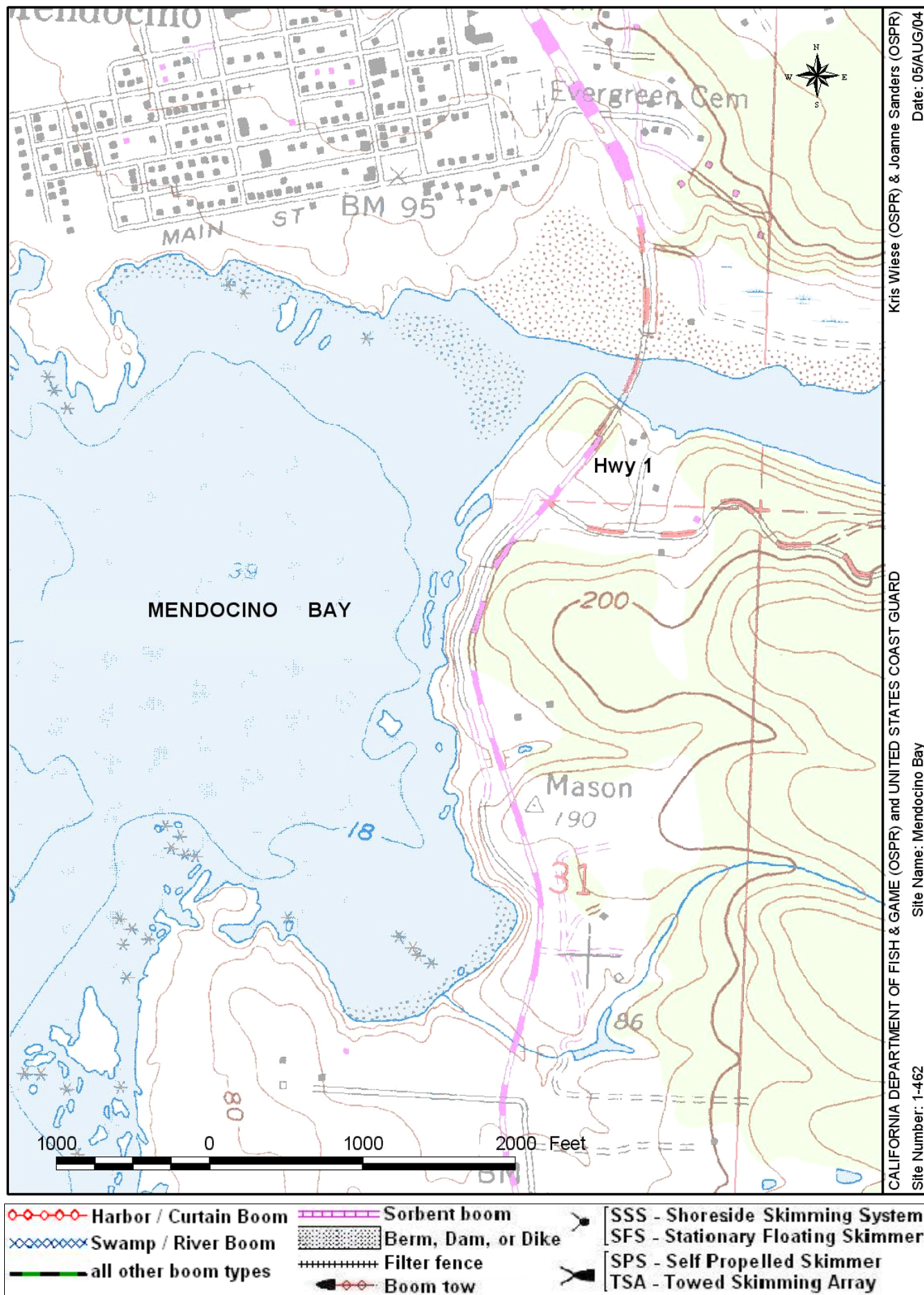
Limitations: depth, obstruction

Launching, Loading, Docking Small boat launch at Big River
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N
 39 18'
 Longitude W
 123 48' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the mouth of Little River and nearby shoreline. This site is within Van Damme State Park. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Little River crosses a medium to coarse grained sandy beach (Van Damme Beach) to reach a small crescent shaped bay. Gradient is steep. No wetlands or marsh areas likely to be impacted. Offshore rocks.

SEASONAL and SPECIAL RESOURCE CONCERN

The rocks are sensitive to human intrusion year round. Response efforts that cause any disturbance to marine mammals or nesting seabirds should be avoided whenever possible.

RESOURCES OF PRIMARY CONCERN

Kelp beds offshore of beach
 Algal communities on offshore rocks

Shorebirds forage along Van Damme State Park beach. Seabird rookeries (03-09): Pelagic cormorant, Pigeon guillemot, Western gull, Tufted puffin (SSC). Roosts (01-12). Osprey (01-12)
 Black oystercatchers nest on offshore rocks and cliffs

Pacific harbor seal haul-outs

Anadromous salmonids: Coho salmon (FE,SE) and Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolt (02-08)

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-464 -A Site Strategy - Van Damme State Park and Little River

County and Thomas Guide Location

CA Road Atlas Mendocino

NOAA CHART

18626

1-464 -A

Latitude N

39 18'

Longitude W

123 48' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, offshore rocks, high energy shoreline, short steep beaches in some areas.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-464.1 Objective: Minimize impacts to shoreline in impractical response locations.

No strategy will be successful under prevailing conditions.

Offshore dispersants and/or off site skimming should be considered.

Strategy 1-464.2 Objective: Low freshwater flow exclusion strategy.

Divert or exclude oil from sensitive habitat. Hard boom lined with sorbents or pompoms could be used.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	tvae and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special No	Equipment or and kinds	comment	staff deploy	Staff tend
1-464.1	0	0	0	0	0		0	0	0		0		Off site dispersion may be the only option.		
1-464.2	100	0	100	OS	4	22lb+ danforth anchors	0	0	0		0			3	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. HWY 101 at Willits, take state HWY 20 to state HWY 1 at Fort Bragg. Go south on HWY 1 to M.P. 48.03, about 3 miles south of the town of Mendocino. Van Damme State Park lies alongside state HWY 1. Little River crosses the beach at this point. This site includes the mouth of Little River and nearby shoreline. This site is within Van Damme State Park. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS:

WATER LOGISTICS:

Limitations: depth, obstruction

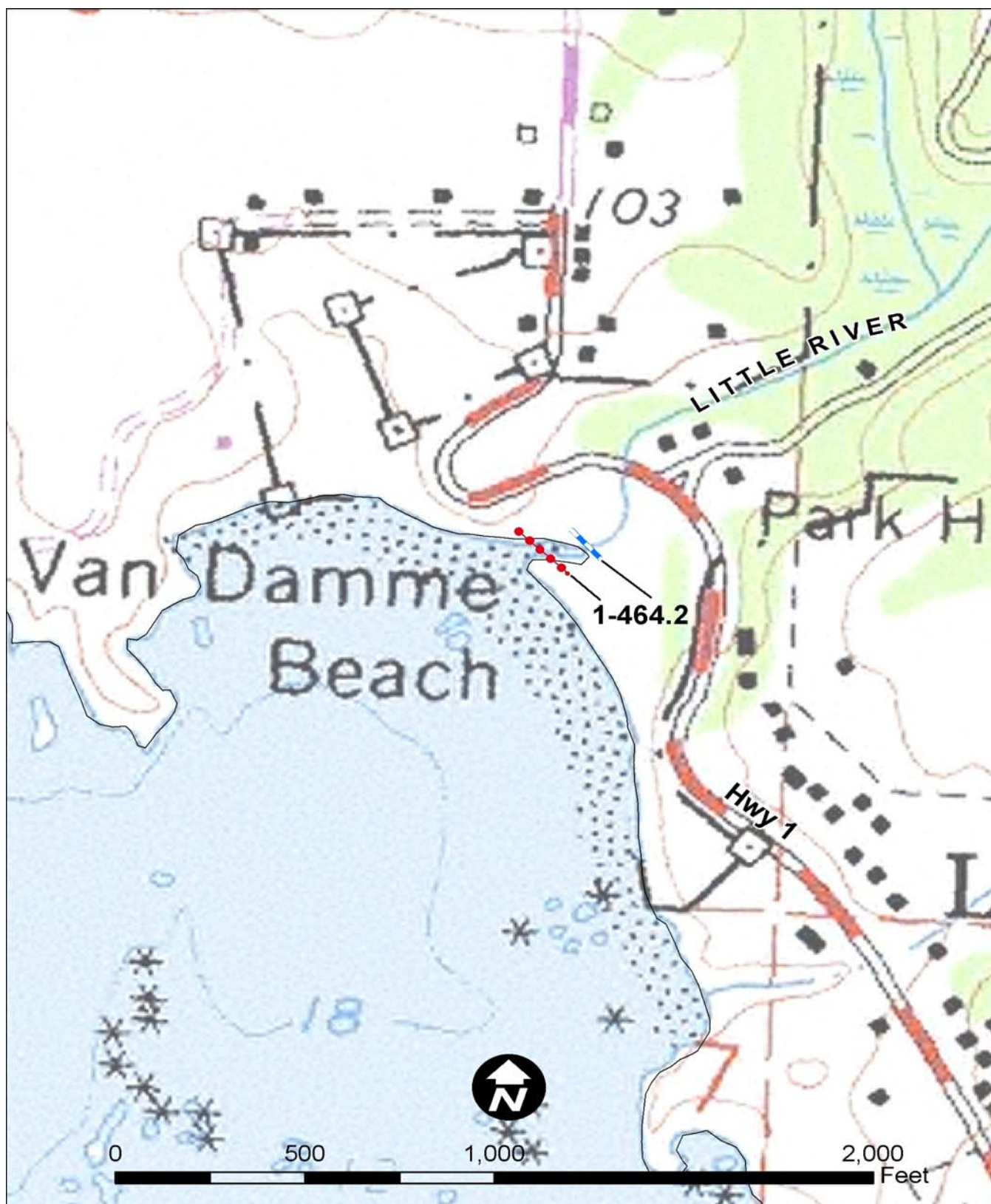
Launching, Loading, Docking and Services Available: Hand launch possible at Van Damme Beach. Abalone divers frequently launch zodiac-type boats here.

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The parking lot at Little River is adequate for staging local response equipment. The beach has restrooms, but lacks other utilities. Fuel, lodging, supplies are available north on HWY 1 in Fort Bragg, Mendocino, and Little River.

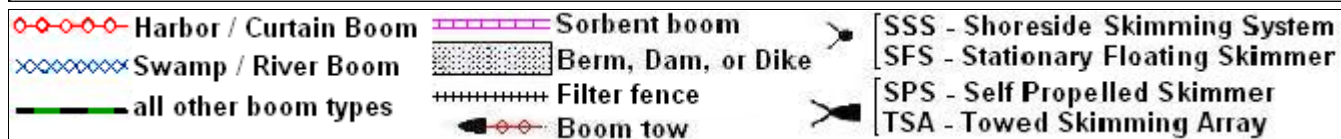
COMMUNICATIONS PROBLEMS:

ADDITIONAL OPERATIONAL COMMENTS: The cove at Van Damme beach provides some protection for small watercraft.



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-464 Site Name: Van Damme State Park & Little River

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



County: **Mendocino**
 USGS Quad: **Albion**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N
 39 14'
 Longitude W
 123 47'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the mouth of Dark Gulch and shoreline in the vicinity. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Steep gradient coastal stream. Cobbled beach with kelp debris. Bedrock headlands. Offshore rocks and seastacks.

SEASONAL and SPECIAL RESOURCE CONCERN

The rocks are sensitive to human intrusion year round. Response efforts that cause any disturbance to marine mammals or nesting seabirds should be avoided whenever possible.

RESOURCES OF PRIMARY CONCERN

Salmonid migrations would occur mostly during high water flow events during winter and spring. Oiling of the stream mouth could cause long lasting damage.

Seabird rookeries (03-09): rocky headlands, offshore rocks, and seastacks shelter Pelagic cormorant, Pigeon guillemot, Western gull, Black oystercatcher

Anadromous salmonids: Coho salmon (FE, SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-466 -B Site Strategy - Dark Gulch

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-466 -B

Latitude N Longitude W
39 14' 123 47'

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, offshore rocks, high energy shoreline

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-466.1 Objective: Prevent spilled oil from floating to this site.

Conventional on-scene response is not possible at this site. Protect with off-site response measures only.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special No and Equipment or comment kinds	staff deploy	Staff tend
1-466.1	0	0	0	0	0	0	0	0	0	Protect with off-site response measures only.	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101 at Cloverdale, take state hwy 128 to state hwy 1 at the mouth of the Navarro River. Go north on hwy 1 to Heritage House Inn (M.P. 45.47). Beach accessible by foot only. A crane could access bluffs (80 feet above beach). Limited access by boats because of depth limitations. This site includes the mouth of Dark Gulch and shoreline in the vicinity. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS:

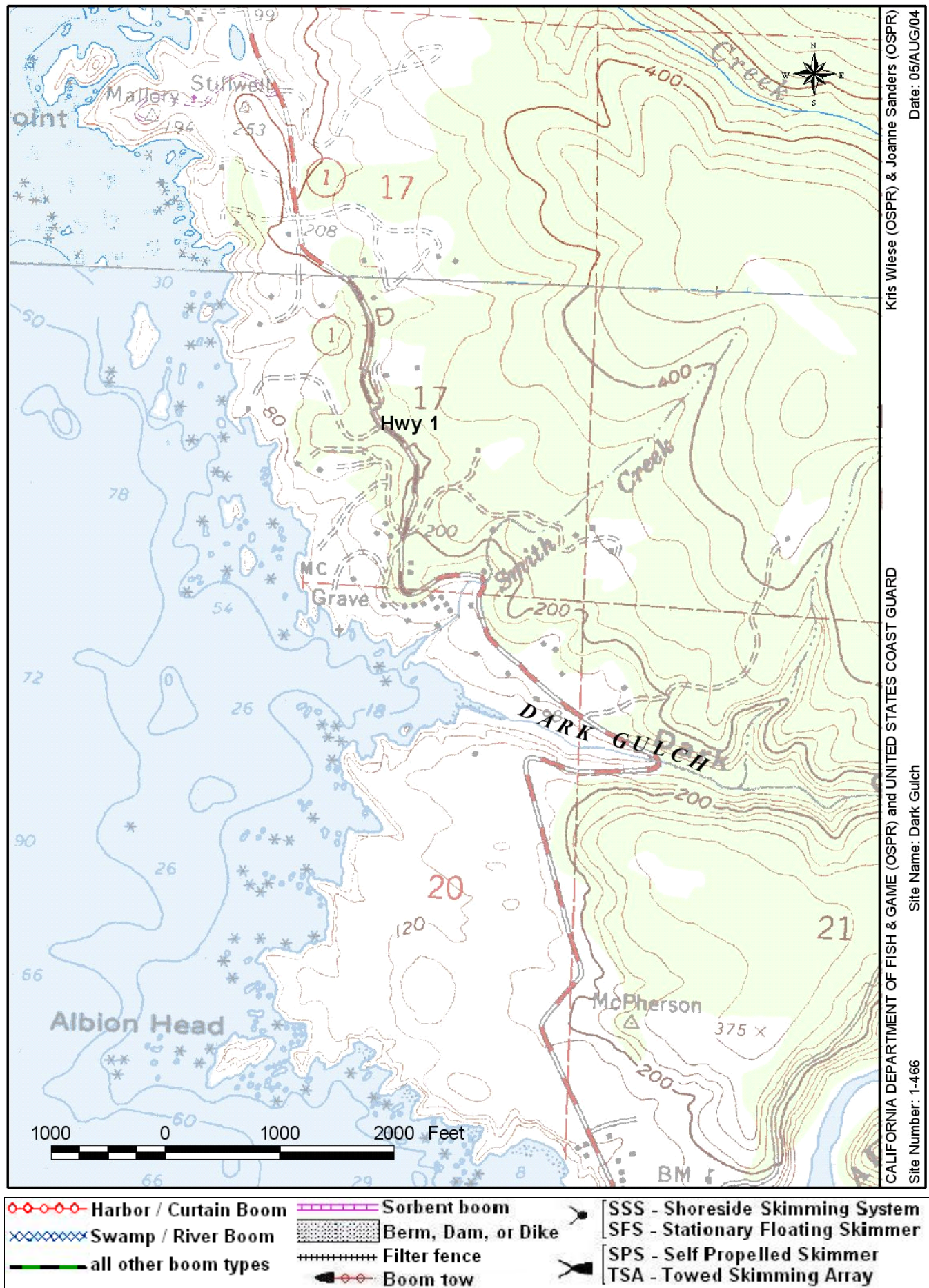
WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



Kris Wiese (OSPR) & Joanne Sanders (OSPR)
Date: 05/AUG/04

CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
Site Name: Dark Gulch

Site Number: 1-466

County: **Mendocino**
 USGS Quad: **Albion**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 13' 30" 123 47' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

The site to protect is from the mouth of the Albion river upstream to the upper extent of tidal influence. The outer coast has a small semiprotected harbor that is open to navigation to shallow draft vessels. There are lots of offshore rocks and an extensive submerged reef in the near shore area around the mouth. The shoreline north and south of the mouth is characterized by vertical seawalls and steep rocky bluffs. Offshore rocks near Albion Cove are managed by BLM as part of the California Coastal National Monument.

SEASONAL and SPECIAL RESOURCE CONCERN

The site is a popular tourist attraction and should be protected from oiling. The river has a viable population of salmonids.

RESOURCES OF PRIMARY CONCERN

Eelgrass and associated communities in estuary

Extensive areas of surfgrass along vertical seawalls on northern side of entrance bay

Fringing marsh within estuary

Seabird rookeries (03-09): rocky headlands, offshore rocks, and seastacks shelter Pelagic cormorant, Pigeon guillemot.

Osprey (01-12)

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)

- juveniles/smolts (02-08)

Tidewater goby (FE,SSC)

Striped surfperch nursery

Red abalone

Eelgrass in estuary

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E		Albion River Campground	(707) 937-0606
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-468 -A Site Strategy - Albion River

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-468 -A
Latitude N Longitude W
39 13' 30 123 47' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

Excluding oil from impacting this popular boating and fishing port is a primary concern of this strategy. The senator has a camping site here.

HAZARDS and RESTRICTIONS:

Water in the river is shallow at the boat ramp.

SITE STRATEGIES

Strategy 1-468.1 Objective: Diversionary boom. Divert oil away from sensitive habitat.

Diversionary boom could be used to divert oil out of the current and onto the shore or to a suitable collection point, (where a skimmer can be operated). Place sorbent boom or pompoms upstream of the oil to limit spread on incoming tides.

Strategy 1-468.2 Objective: Minimize impacts to shoreline in impractical response locations, or when site conditions preclude mechanical recovery.

No strategy will be successful under prevailing conditions. Offshore dispersants should be considered.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-468.1	300	0	0	300	12 22lb+ danforth anchors	0	1	0	0	5	
1-468.2	0	0	0	0	0	0	0	0	Off site dispersion may be the only option.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101 at Cloverdale, take state hwy 128 to state hwy 1 at the mouth of the Navarro River. Go north on hwy 1 to M.P. 45.47, at north end of the Albion River bridge. Turn east on Albion Riverside Road at this point and follow road to Albion River Campground. The site to protect is from the mouth of the Albion river upstream to the upper extent of tidal influence. The outer coast has a small semiprotected harbor that is open to navigation to shallow draft vessels. There are lots of offshore rocks and an extensive submerged reef in the near shore area around the mouth. The shoreline north and south of the mouth is characterized by vertical seawalls and steep rocky bluffs. Offshore rocks near Albion Cove are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Large truck access is possible but access is narrow and winding.

WATER LOGISTICS: The site has a boat ramp for shallow draft vessels.

Limitations: depth, obstruction

Launching, Loading, Docking

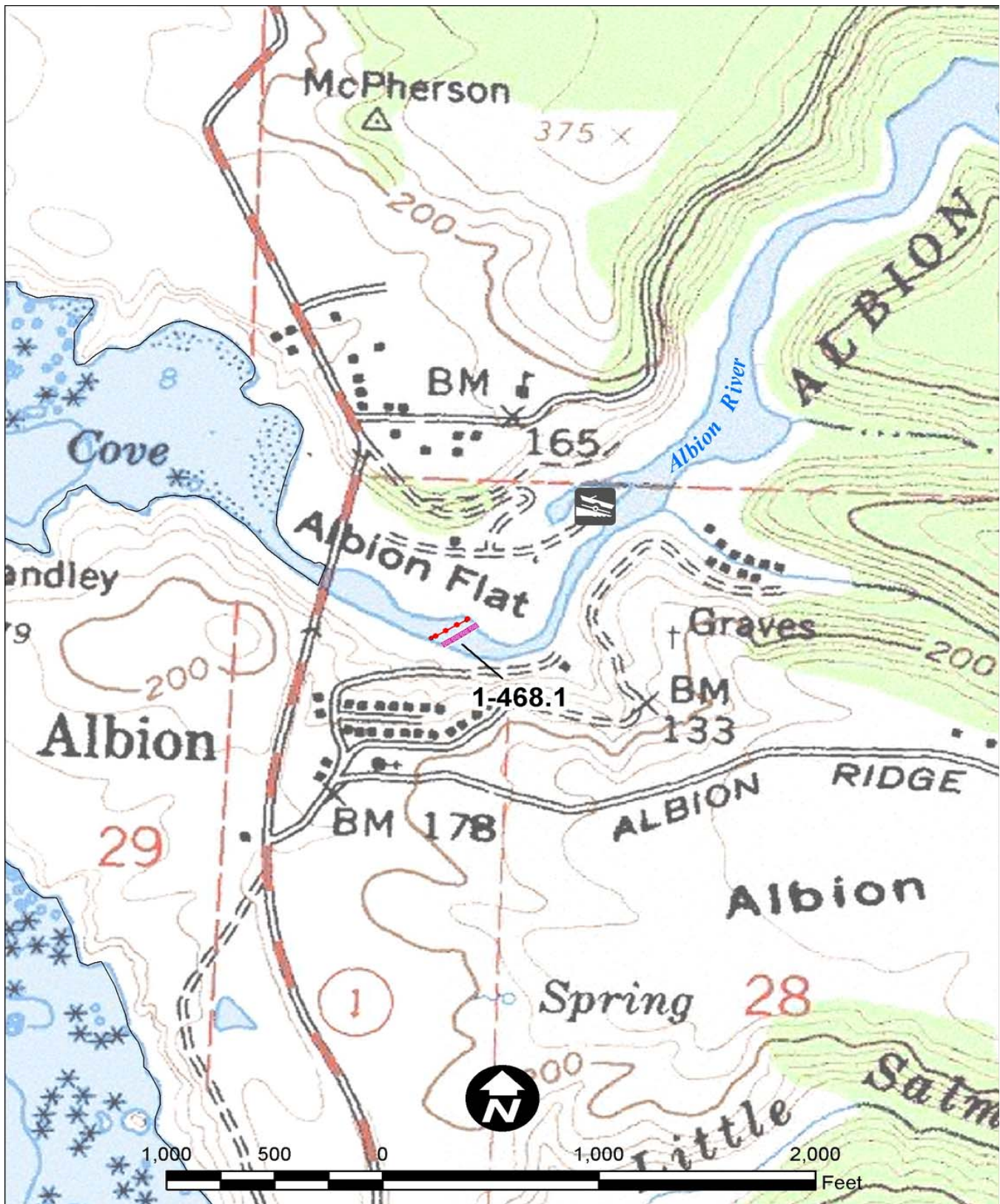
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The harbor area has adequate staging to provide for local area response needs including a rugged small boat ramp. Public phones are available, but lodging, food and other utilities are very limited on site. For these missing items, please note that it is only a short drive to Ft. Bragg.

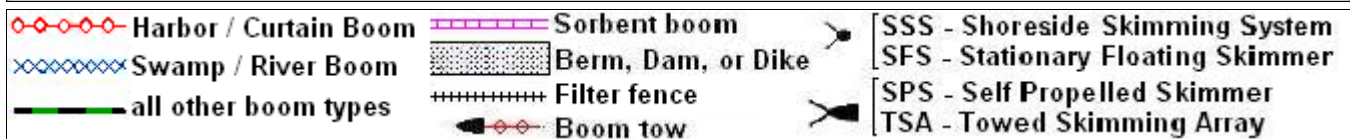
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-468 Site Name: Albion River

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



1-470 -A Site Summary- Salmon Point and Big Salmon Creek**1-470 -A**

County: **Mendocino**
USGS Quad: **Albion**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18626**

Latitude N Longitude W
39 12' 30" 123 46' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the mouth of Big Salmon Creek and nearby shoreline of Whitesboro Cove and Salmon Point. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Rocky bluffs, offshore rocks, and tidal inlet to Big Salmon Creek. Fine to medium grained sandy beach on the northside of the creek. Fringing marsh within Big Salmon Creek.

SEASONAL and SPECIAL RESOURCE CONCERN

Salmonid migrations would occur mostly during high water flow events during winter and spring. Oiling of the stream mouth could cause long lasting damage to the fish living in this watershed.

RESOURCES OF PRIMARY CONCERN

Limited area of habitat impact on extreme high tides where oiling, and the resulting need for cleaning, could be minimized especially when dealing with persistent products.

Seabirds, shorebirds, waterfowl, raptors. Nesting seabird colonies: pelagic cormorant, Pigeon guillemot, Black oystercatcher, Western gull (03-09). The small marsh is visited by foraging shorebirds and waterfowl (mergansers, grebes)
California brown pelican (04-11)
Osprey (01-12)
Canada geese

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-470 -A Site Strategy - Salmon Point and Big Salmon Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-470 -A
Latitude N Longitude W
39 12' 30 123 46' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, offshore rocks, high energy shoreline

SITE STRATEGIES

Strategy 1-470.1 Objective: Filter Fence

Movement of oil upstream could be minimized by the installation of filter fence.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-470.1	0	0	0	0	0	0	0	1	200 pompoms & fence material	3	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101 at Cloverdale, take state hwy 128 to state hwy 1 at the mouth of the Navarro River. Go north on hwy 1 to M.P. 43.50 (north end of Salmon Creek bridge) and turn west on Spring Grove Road (county route 401). Proceed downhill to residences along creek mouth (about 2 miles). This site includes the mouth of Big Salmon Creek and nearby shoreline of Whitesboro Cove and Salmon Point. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Foot access only.

WATER LOGISTICS:

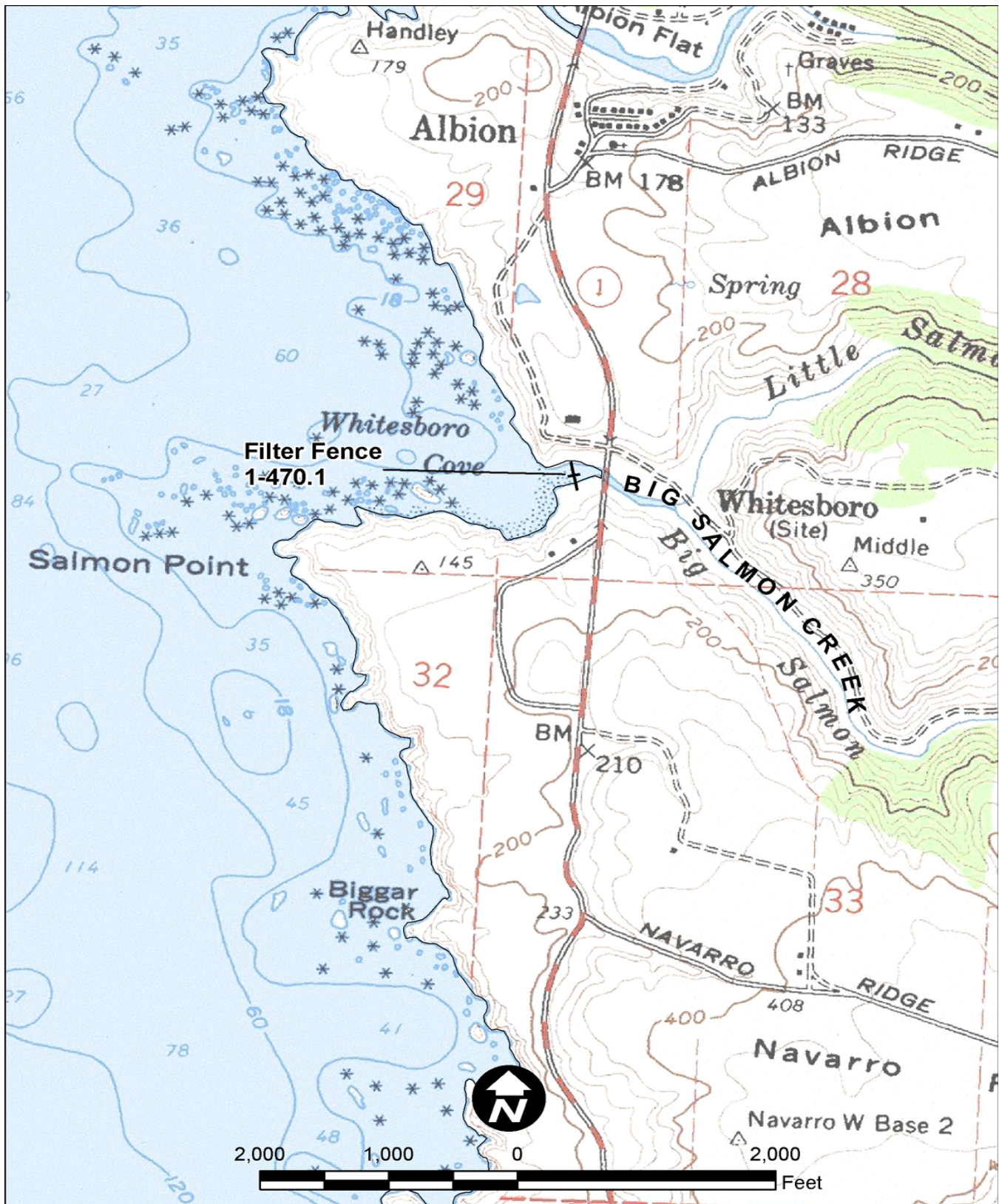
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

No staging in this area

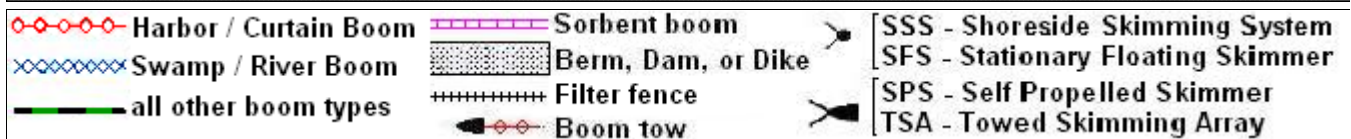
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-470 Site Name: Salmon Point and Big Salmon Creek

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



County: **Mendocino**
 USGS Quad: **Albion**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 11' 30" 123 45' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the mouth of the Navarro River and associated tidal estuary. The site is within Navarro River State Park. Tidal inlet with a well developed marsh system in the estuary. The site extends from the mouth of the river to just up river of the Highway 1 bridge.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of waterfowl, waterbirds, and shorebirds that forage there year round. Salmonid migrations would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Oiling of the stream mouth and estuary could cause long lasting damage to the fish and wildlife living in this watershed.

Shorebirds, seabirds, wading birds, waterfowl, raptors.

Osprey (01-12)

California brown pelican (04-11)

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolt (02-08)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-472 -A Site Strategy - Navarro River State Park

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-472 -A

Latitude N Longitude W
39 11' 30 123 45' 30"

CONCERNS and ADVICE to RESPONDERS:

Contact State Parks prior to initiating response at this site.

HAZARDS and RESTRICTIONS:

This is a large river during the wet season. Response options will be limited by fresh water flows.

Last Page Update :

SITE STRATEGIES

Strategy 1-472.1 Objective: Pre-clean debris before oil arrives.

Pre-clean debris before oil arrives. Debris loads are highly variable from season to season, so this option will need to be assessed at the time of response.

Strategy 1-472.2 Objective: Booming to exclude oil spread on incoming tides

Boom from the rocky northern shore back to the sandy southern shore to prevent oil spread.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-472.1	0	0	0	0	0	0	0	0	0		
1-472.2	1000	0	0	0	12 22 lb Danforth anchors	0	2	0	0	8	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to state route just north of Cloverdale. Follow state route 128 to state hwy 1. Turn South on State Hwy 1. After crossing the Navarro River bridge, go west at M.P. 40.15 (Navarro Bluff Road). This site includes the mouth of the Navarro River and associated tidal estuary. The site is within Navarro River State Park.

LAND ACCESS: Drive on access for large vehicles, Contact State Parks first.

WATER LOGISTICS: Hand launching for small skiffs only.

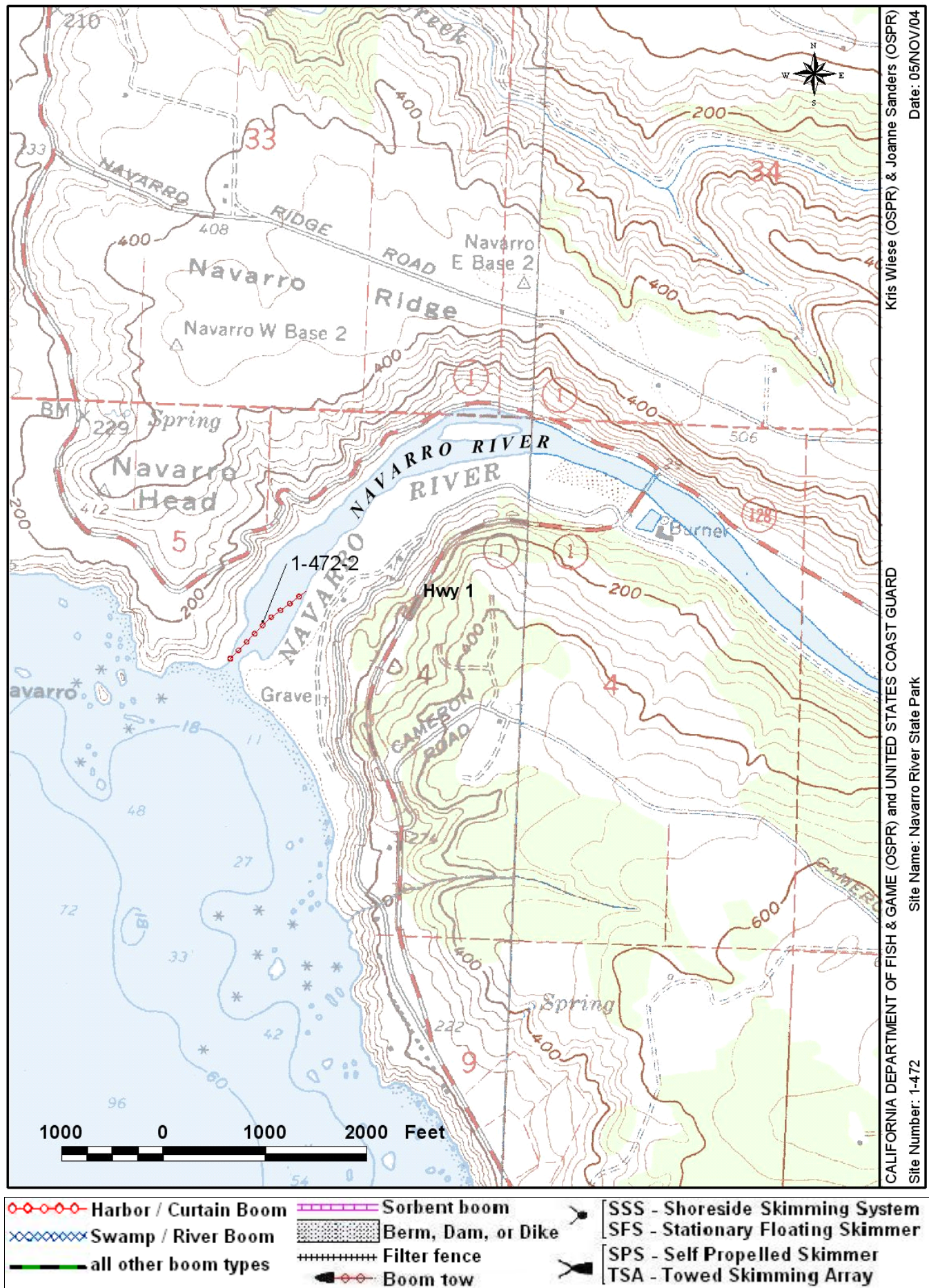
Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

This site has adequate space for staging moderate amounts of equipment, but lacks utilities and facilities to support long term response needs.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Elk**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18626**

Latitude N Longitude W
 39 08' 30" 123 44' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the coastline between Cuffey's Cove and Greenwood Creek near the community of Elk. Greenwood State Beach is managed by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Rocky headlands, offshore rocks, and seasonal inlet to Greenwood Creek with small pockets of fringing marsh behind the beach.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of waterfowl, waterbirds, and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

This site has a steep beach face with a small tidally influenced estuary inland. Pre-cleaning is probably the only defensive measure that could be deployed here.

Seabird colonies include Pelagic cormorant, Pigeon guillemot. Coastal shorebirds including black oystercatcher.

Pacific harbor seal haul-out area
 river otters

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smолts (02-08)

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-474 -A Site Strategy - Greenwood Creek to Cuffey's Cove

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18626

1-474 -A

Latitude N Longitude W
39 08' 30 123 44' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, offshore rocks, high energy shoreline, short steep beaches in some areas

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-474.1 Objective: Pre-clean debris before oil arrives.

Pre-clean debris before oil arrives.

This site needs to be assessed for pre-cleaning (equipment) requirements. (See strategy #2)

Strategy 1-474.2 Objective: Assess site conditions for response needs.

Complete an overflight or send personnel to the site to assess the prevailing conditions and appropriate response, if any.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-474.1	0	0	0	0	0	0	0	0	0		
1-474.2	0	0	0	0	0	0	0	0	Over flight assessment needed.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to state route 128 just north of Cloverdale. Follow state route 128 to Hwy 1, turn south on Hwy 1 until town of Elk is reached. Access to Greenwood Beach and the mouth of Greenwood Creek is by trail from the parking lot across from the Elk General Store on hwy 1. The trail has been accessed by heavy machinery and could be quickly improved to allow access by heavy machinery equipment again. Foot access by St Anthony's Beach and Harbor house Beach by private foot trail. This site includes the coastline between Cuffey's Cove and Greenwood Creek near the community of Elk. Greenwood State Beach is managed by State Parks. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Locked gate access, OK for heavy machinery. Contact State Parks first.

WATER LOGISTICS:

Limitations: depth, obstruction

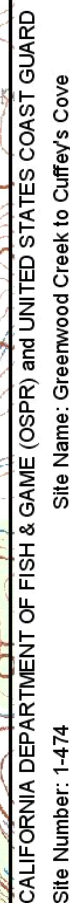
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

The parking lot in Elk has a moderate amount of space, but lacks restrooms (vault toilet in parking lot). Phones, fuel, food, and supplies may be available in the area, lodging is limited to small inns and B&B's.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS: This park is on the closure list



County: **Mendocino**
 USGS Quad: **Mallo Pass Creek**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620,18626**

Latitude N
 39 06'
 Longitude W
 123 42' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site is immediately adjacent to the Cuffey's Creek to Greenwood Creek site (ACP site 1-475-A). Bonee Gulch drains into Greenwood Creek. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Rocky bluffs and offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

The rocks are sensitive to human intrusion year round. Response efforts that cause any disturbance to marine mammals or nesting seabirds should be avoided whenever possible.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird colonies primarily Brandt's and Pelagic cormorants > 100 pairs of nesting birds

Red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-476 -B Site Strategy - Bonee Gulch

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620,18626

1-476 -B

Latitude N Longitude W
39 06' 123 42' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, high energy shoreline, offshore rocks

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-476.1 Objective: Prevent oiling of off shore rocks and rocky shoreline by dispersing the oil off-site.

Apply dispersants to off-site oil before it arrives at this sensitive site.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no tvpe and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-476.1	0	0	0	0	0	0	0	0	0	Protect with off-site response measures only.	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 to state route 128 just north of Cloverdale. Follow state route 128 to state hwy 1. Bonee Gulch is south of Greenwood Creek/Cuffey's Cove area just off state hwy 1, just south of the community of Elk. This site has no access. This site is immediately adjacent to the Cuffey's Creek to Greenwood Creek site (ACP site 1-475-A). Bonee Gulch drains into Greenwood Creek. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS:

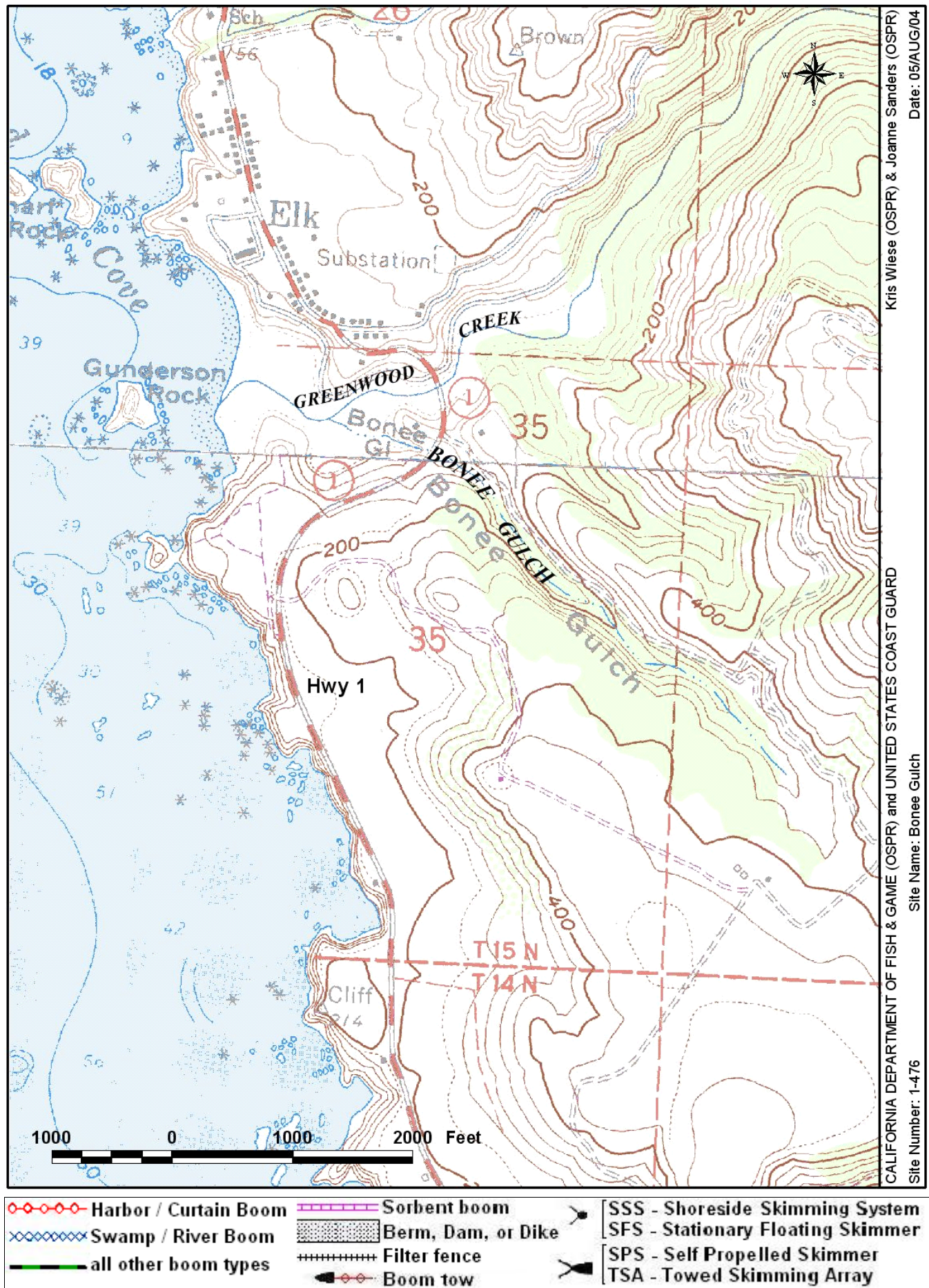
WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



County: **Mendocino**
 USGS Quad: **Mallo Pass Creek**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18620**

Latitude N Longitude W
 39 06' 123 42' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the tidal estuary at the mouth of Elk Creek. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. Inlet to Elk Creek with a marsh system along margins of the channel.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of ducks and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Extensive marsh system is highly sensitive to oiling.

Seabirds, shorebirds, waterfowl

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-478 -A Site Strategy - Elk Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-478 -A

Latitude N Longitude W
39 06' 123 42' 30"

Last Page Update :

CONCERNS and ADVICE to RESPONDERS:

The local marsh would be very difficult to clean once it becomes oiled. Excluding oil from reaching this area would minimize damages to the environment.

HAZARDS and RESTRICTIONS:

Owner extremely private & protective, send law enforcement to make initial contact.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-478.1 Objective: Prevent spilled oil from floating to this site.

On site response options are limited to collection of oil or oily debris removal only. Protect with off-site response efforts.

Strategy 1-478.2 Objective: Pre-clean debris before oil arrives.

This beach can collect large amounts of large woody debris, which could require heavy equipment to move, preferably before it becomes oiled. A SCAT team should evaluate this response option before oil arrives.

Strategy 1-478.3 Objective: Low freshwater flow strategy for responses when the estuary mouth is open.

Berm, dam or dike with underflow during low freshwater flow conditions and when the time is available to mobilize the equipment and personnel needed to construct a protective berm.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment and kinds	staff deploy	Staff tend
1-478.1	0	0	0	0	0	0	0	0	Protect with off-site response measures only.		
1-478.2	0	0	0	0	0	0	0	0			
1-478.3	0	0	0	0	0	0	0	0	dozer or loader, stakes, shovels, haybales	8	2

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 1 to state route 128 just north of Cloverdale. Follow state route 128 to state hwy 1. Go south on state hwy 1 to M.P. 31.55. Permission for access through locked gate must be obtained from property owner. Owner extremely private & protective, send law enforcement to make initial contact. This site includes the tidal estuary at the mouth of Elk Creek. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument.

LAND ACCESS: Locked gate access. Contact owner with Sheriff assistance.

WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

None available.

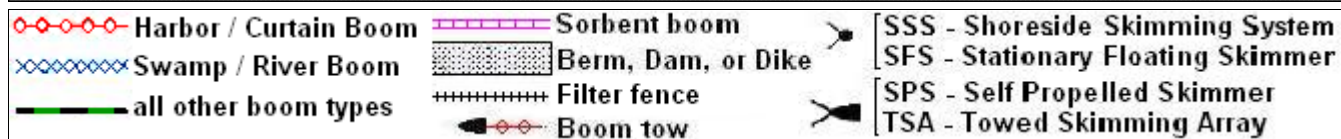
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-478 Site Name: Elk Creek

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



County: **Mendocino**
USGS Quad: **Mallo Pass Creek**

Thomas Guide Location
CA Road Atlas
NOAA Chart: **18620**

Latitude N Longitude W
39 01' 30" 123 41' 30"

Last Page Update : 7/1/1996

SITE DESCRIPTION:

Irish Gulch is a small stream with a small tidal estuary and beach backed with large amounts of woody debris. Seasonal inlet to Irish Gulch. Access is restricted by locked gates and a one way road.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of ducks and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

small estuary and marsh

Shorebirds, seabirds, raptors

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E	Gordon Moores	Irish Beach Rental Agency	(707) 882-2467
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-480 -C Site Strategy - Irish Gulch

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18620

1-480 -C
Latitude N Longitude W
39 01' 30 123 41' 30"

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Irish Beach is a natural collection point for large woody debris. This material can become a long term source for re-oiling once oiled which can greatly increase the long term damage to the environment unless it is prevented from becoming oiled, or removed and disposed of once it is oiled.

HAZARDS and RESTRICTIONS:

SITE STRATEGIES

Precleaning at this site may save a lot of disposal or clean up costs if black oil threatens this beach. Large amounts of heavy woody debris often collect on this beach. Moving this material above the high tide line before oil arrives should be considered when and if response time allows.

Strategy 1-480.1 Objective: Pre-clean the beach of heavy woody debris before oil arrives.

Using heavy equipment, move large woody debris above the swash line. IC should pre-evaluate the execution of this activity since the site is large and the debris load extremely heavy.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-480.1	0	0	0	0	0	0	0	0	0	Protect with off-site response measures only.	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 128 just north of Cloverdale. Follow state route 128 to state hwy 1. Go south on state hwy 1. Exit west from hwy 1 at M.P. 25.37, onto a very narrow single lane road with sharp switchbacks. Exit the beach (road is marked) along a similar road that tends to have fewer turns. The exit is at M.P. 25.57. The exit road would serve as an access road for a front end loader or bulldozer. The access road is gated and a key must be obtained from Irish Beach Rental Agency (Mr. William Moores) at about M.P. 25.37. Irish Gulch is a small stream with a small tidal estuary and beach backed with large amounts of woody debris.

LAND ACCESS: Locked gate access. Contact Irish Beach Rental Agency.

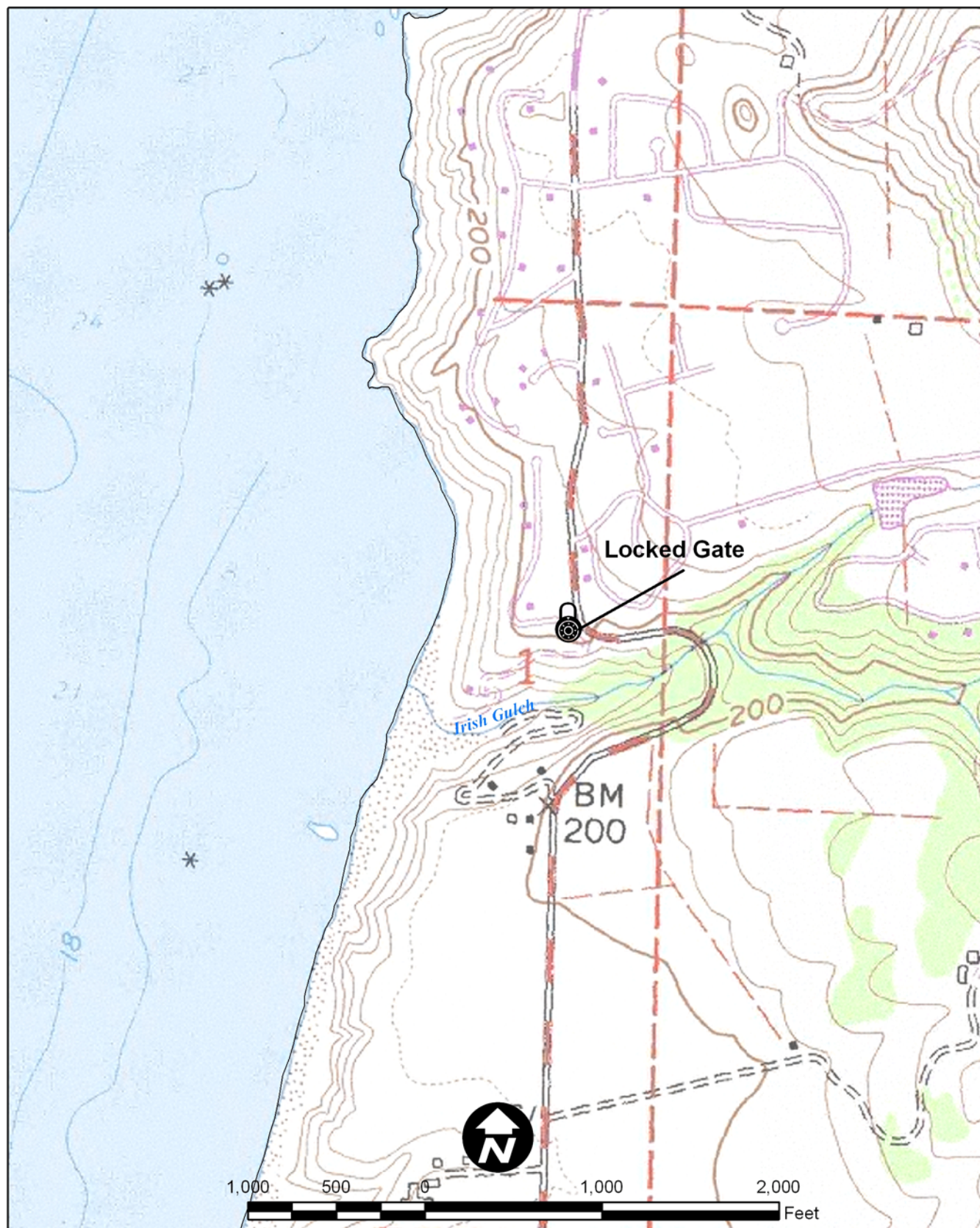
WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

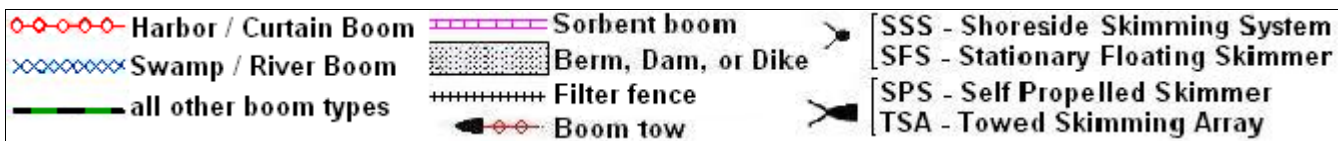
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CDFG-OSPR & USCG Site: 1-480 Name: Irish Gulch

Kris Wiese (OSPR) & Jo Sanders (OSPR) Date: July 23, 2008



County: **Mendocino**
 USGS Quad: **Mallo Pass**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18640**

Latitude N Longitude W
 39 00' 30" 123 42'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes a small tidal estuary formed at the mouth of Alder Creek. This site is at the north end of Manchester State Park. Seasonal inlet to Alder Creek with a small marsh along creek. San Andreas Fault is on this area and runs into the ocean

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of waterfowl, waterbirds, and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Pt. Arena Mountain Beaver live in burrows and are present around this site. Snowy plover are present on the beach. Do not drive response vehicles off road in the brush or on beach without State Parks authorization.

Seabirds, shorebirds, waterfowl, wading birds, juvenile gulls, Caspian tern
 Snowy Plover (FT)(01-12), FWS Critical Habitat, nesting 03-08;

Pt. Arena Mountain Beaver (FE,SSC)

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolt (02-08)

wetlands at bottom of access road

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
O		Mendocino County Sheriff's Dept.	(707) 463-4086
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-482 -B Site Strategy - Alder Creek

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18640

1-482 -B

Latitude N Longitude W
39 00' 30 123 42'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

Try to minimize oil spread into the back part of the small estuary where clean up would be difficult. Contact State Parks prior to initiating response here due to presence of endangered Pt. Arena Mountain Beaver and threatened snowy plover.

HAZARDS and RESTRICTIONS:

The county road leading to the site is closed to vehicles due to a major slump and road failure. Road is currently blocked by cement barriers. All-terrain vehicles may be able to gain access. Adjacent private property owner may be able to provide alternate access through pastures west of the county road.

SITE STRATEGIES

The site will only need protection if the surf is high enough to bring oil over the berm and into the pond area.

Strategy 1-482.1 Objective: Pre-clean debris before oil arrives.

Pre-clean debris before oil arrives.

Strategy 1-482.2 Objective: Boom across the mouth of the creek to prevent oil from spreading into the small estuary

On low flows, stretch a boom across the mouth to exclude oil and protect vegetation from oiling.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	Equipment or comment	Boom boat	Skiffs punts	Skimmers No	Special Equipment or comment	staff deploy	Staff tend
1-482.1	0	0	0	0	0		0	0	0	0		
1-482.2	0	300	0	0	0		0	0	0	0	5	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 128 just north of Cloverdale. Follow route 128 to state hwy 1. Go south on state hwy 1 and take the first road south of Alder Creek bridge (Between M.P. 22.50 and M.P.22.48). Follow road about 1 mile to creek mouth. Either side of creek easily accessible by heavy machinery. Heavy equipment would need to cross the wetland/drainage area before reaching the creeek. Depending on season and flow rates, the north side of creek may not be accessible by equipment or foot. This site includes a small tidal estuary formed at the mouth of Alder Creek. This site is at the north end of Manchester State Park.

LAND ACCESS: ATV access across a washed out dirt road. Contact State Parks first.

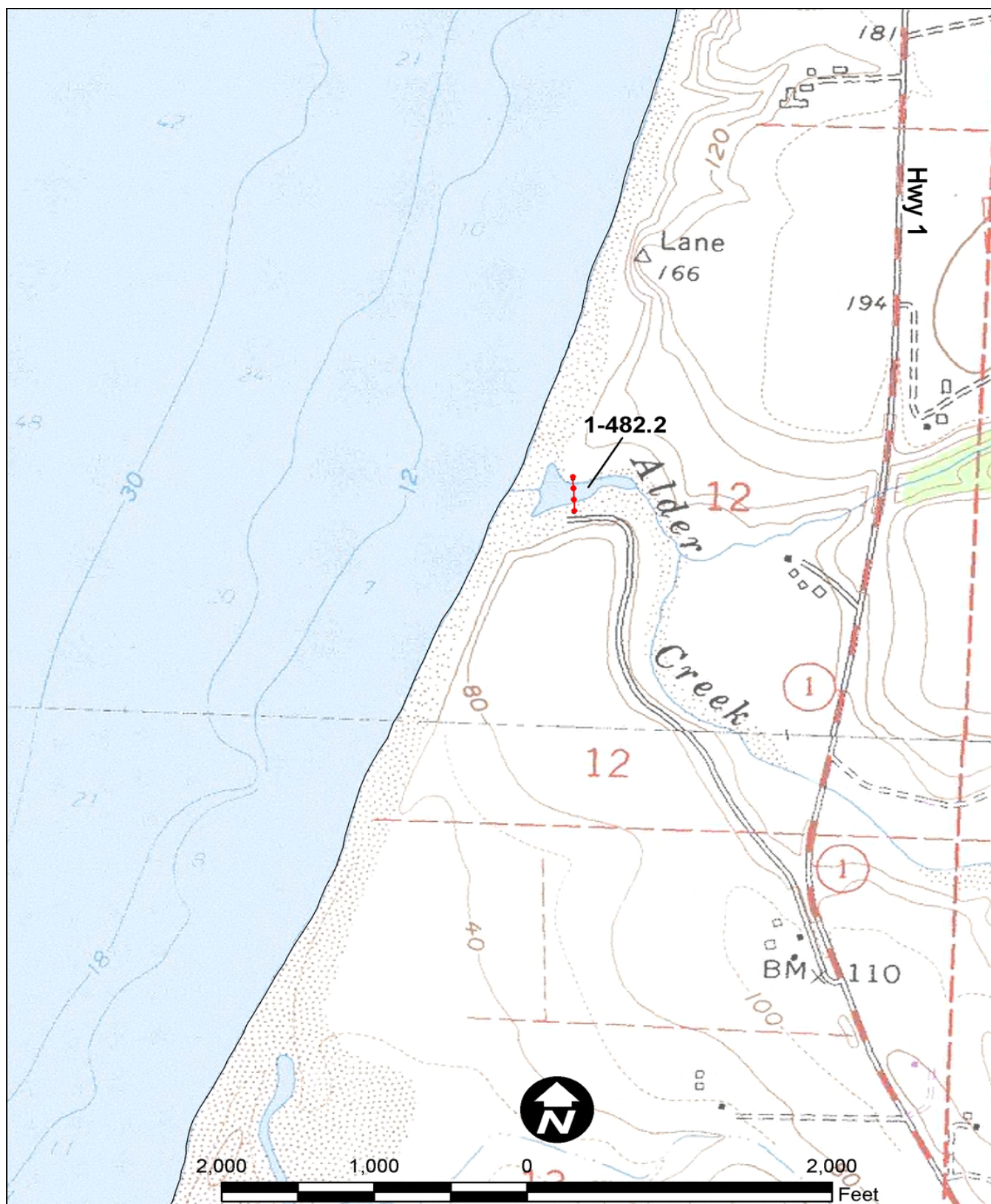
WATER LOGISTICS:

Limitations: depth, obstruction
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

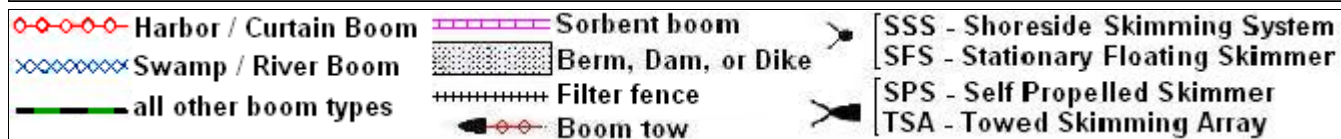
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-482 Site Name: Alder Creek

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: May18, 2011



County: **Mendocino**
 USGS Quad: **Point Arena**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18640**

Latitude N Longitude W
 38 57' 30" 123 44'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the tidal estuaries of the Garcia River and several smaller seasonal streams. This site includes BLM's Stornetta Public Lands and the adjacent Manchester State Park. Tidal inlet to the Garcia River and seasonal tidal inlets to Brush Creek, Lagoon Lake (also known as Hunter's Lagoon), and Davis Lake. Approximately 4 miles of sandy beach ranging from fine to course between Garcia River and Alder Creek. First response will probably be limited to the booming of the Garcia River if conditions safely allow that response activity.

SEASONAL and SPECIAL RESOURCE CONCERN

The marsh provides habitat for many kinds of waterfowl, waterbirds, and shorebirds that forage there year round. Salmonid migrations through the estuary would occur mostly during high water flow events during winter and spring.

RESOURCES OF PRIMARY CONCERN

Area is home to an isolated population of Pt Arena Mountain Beaver. Stay on the roads to avoid burrow destruction. The beach is suitable habitat for Snowy Plover.

Snowy Plover (FT)(01-12), FWS Critical Habitat, nesting 03-08;
 seabirds, shorebirds, waterfowl. Caspian tern, Pelagic cormorant, Black oystercatcher, Pigeon guillemot

Pt. Arena Mountain Beaver (FE,SSC)

Behren's silverspot butterfly (FE)

Lotis blue butterfly (FE), historical location

Anadromous salmonids: Coho salmon (FE,SE), Steelhead (FT):

- spawning runs (09-06)
- juveniles/smolts (02-08)

Tidewater goby (FE)(01-12) have been observed in Lagoon Lake

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
T		BLM Ukiah Field Office	(707) 468-4000
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E		Point Arena Lighthouse Keepers	(707) 882-2777
T		California Dept of Fish and Game, Fort Bragg	(707) 964-9078
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-484 -A Site Strategy - Garcia River and Manchester State Beach

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18640

1-484 -A

Latitude N Longitude W
38 57' 30 123 44'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The estuary upstream of the river mouth attracts lots of water birds. The marsh would be difficult to clean if it becomes oiled. Contact State Parks prior to initiating response due to presence of endangered Pt. Arena Mountain Beaver and threatened snowy plover in area.

HAZARDS and RESTRICTIONS:

The area just south of this site is a high energy shoreline that is typically not safe for on water response in the near shore where submerged rocky reef is the dominant habitat feature. There is no vehicle access to the north; limited access by all-terrain vehicles may be possible at Stoneboro Rd. Contact State Parks for authorization.

SITE STRATEGIES

Strategy 1-484.1 Objective: Pre-clean debris before oil arrives.

Pre-clean debris before oil arrives.

Strategy 1-484.2 Objective: Prevent oiling of Davis Lake, Brush Creek and Lagoon Lake wetlands when high surf could push oil over the beachface.

Visually check by overflight or on scene observations to ensure that oil is not being washed over the foredunes. On scene prevention response should be coordinated with State Parks personnel.

Strategy 1-484.3 Objective: Boom from the rock face to beach oil on the back side of the sand spit.

Deployment may be possible during medium freshwater outflows when oceanic wave action is low or moderate.

Diversionary boom could be used to divert oil out of the current and onto the shore or to a suitable collection point where a skimmer can be operated. Place sorbent boom or pompoms upstream of the oil to limit spread on incoming tides.

Strategy 1-484.4 Objective: Suck oil off the beach from a skimmer or a boat when large enough quantities are available for recovery using a vac truck.

A skimmer truck can access the parking lot at the end of Kinney Road. Oil that has been collected off the beach can be sucked into a vac truck by stretching a large hose (400'+) from the parking lot to the beach. This minimizes the amount of traffic traveling through endangered Mountain Beaver habitat in the dune areas.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
1-484.1	0	0	0	0	0	0	0	0	100 trash bags & rakes	10	
1-484.2	0	0	0	0	0	0	0	0	0		
1-484.3	600	0	0	0	3 22 lb +Danforth anchors	0	1	0	0	5	5
1-484.4	0	0	0	0	0	0	0	0	1 Vac truck and long hose (400' ++)	2	

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

From U.S. hwy 101, go north to state hwy 128 just north of Cloverdale. Follow state hwy 128 to state hwy 1. Go south on state hwy 1 to Stoneboro Road (note coastal access sign at intersection) and turn west. Continue to parking lot. Continue on foot, across dunes, to beach. Walk south on the beach (appx. 1 mile) to the mouth of the Garcia River.

Lagoon Lake (aka Hunter's Lagoon): walk north on the beach for about 1 mile from the parking lot on Stoneboro Road.

Brush Creek: take Kinney Rd (appx .5 mile N of the town of Manchester) west from state hwy 1 to its end near the beach. Walk across the dunes to the creek. The inlet may be located south of Kinney Rd access.

Davis Lake: all-terrain vehicle access may be possible seasonally from gated/locked access road, appx 0.2 mi S of Alder Creek Rd. Contact State Parks for directions, authorization and key. This site includes the tidal estuaries of the Garcia River and several smaller seasonal streams. This site includes BLM's Stornetta Public Lands and the adjacent Manchester State Park.

LAND ACCESS: ATV on trails. Some areas w/ seasonal locked gates. Contact State Park

WATER LOGISTICS:

Limitations: depth, obstruction

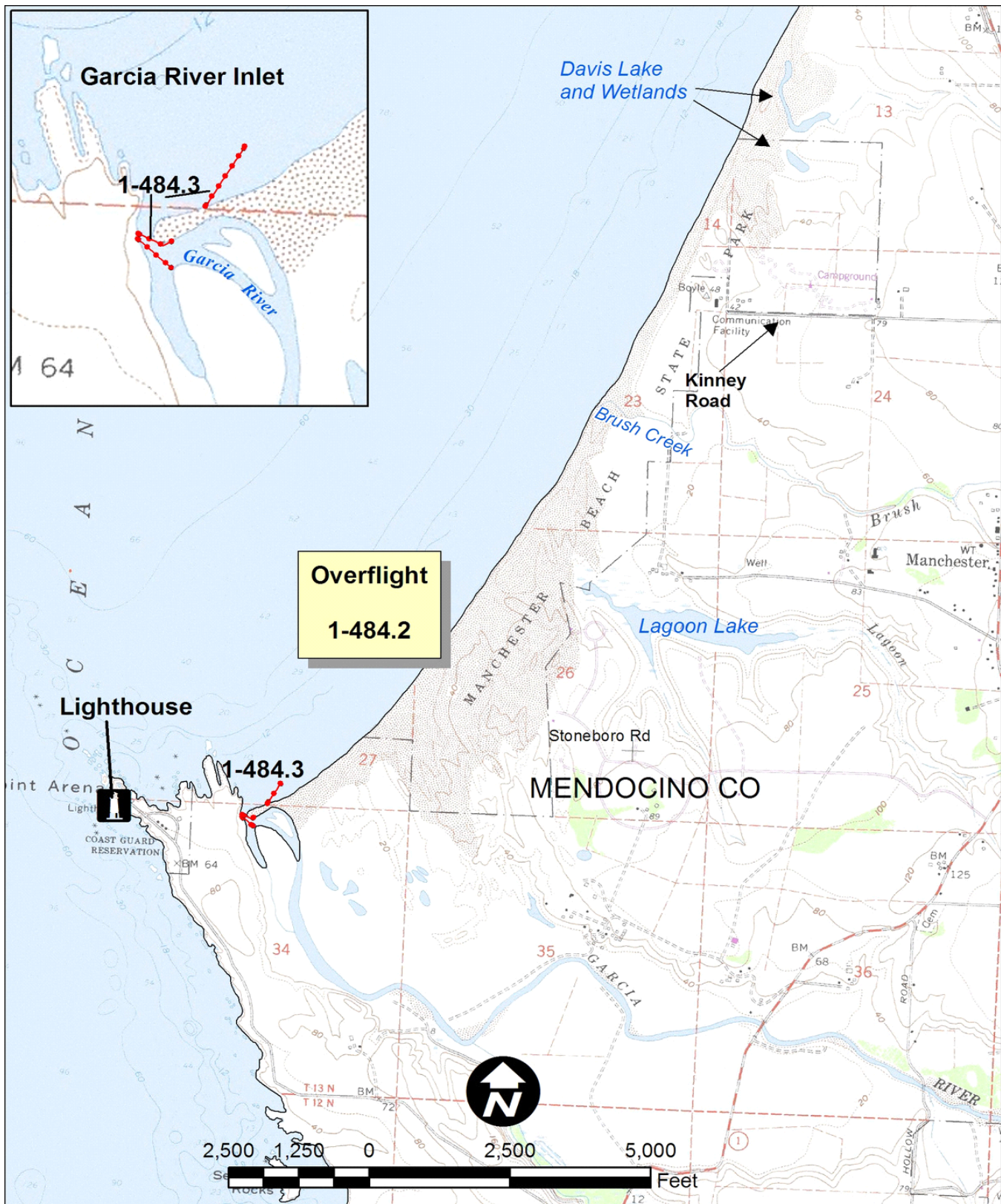
Launching, Loading, Docking
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Local staging with moderate amounts of space can be found at the end of Stoneboro Road and also at the end of Kinney Road. Kinney Road has pit toilets and non-potable water, with good access for Vac truck response. KOA Camping, lodging, and fuel can be found in Pt. Arena. Supplies may also be found at the hardware store in town.

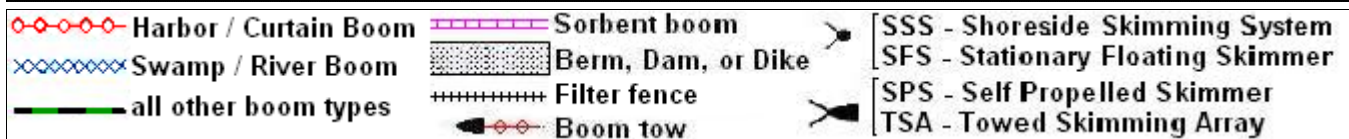
COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CALIFORNIA DEPARTMENT OF FISH & GAME (OSPR) and UNITED STATES COAST GUARD
 Site: 1-484 Site Name: Garcia River and Manchester State Beach

Jeff Dayton (OSPR) & Greg Ewing (OSPR)
 Date: August 30, 2011



County: **Mendocino**
 USGS Quad: **Mendocino**

Thomas Guide Location
 CA Road Atlas
 NOAA Chart: **18640**

Latitude N Longitude W
 38 57' 30" 123 44'

Last Page Update : 7/1/1996

SITE DESCRIPTION:

This site includes the coastline between Point Arena and Arena Cove including the port and pier near the town of Point Arena. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. This site includes the Point Arena State Marine Reserve, Point Arena State Marine Conservation Area, and Sea Lion Cove SMCA implemented by DFG through the Marine Life Protection Act. Rocky headlands and offshore rocks

SEASONAL and SPECIAL RESOURCE CONCERN

Breeding seabirds will use these rocks for nesting in the spring. Offshore rocks provide roosting and nesting habitat for birds and haul out locations for marine mammals. Care should be taken so that response activities do not flush wildlife from these areas. The offshore rocks have cultural significance for local tribes.

RESOURCES OF PRIMARY CONCERN

The rocks are sensitive to human intrusion year round, especially during nesting season (03-09) when the adults are on eggs and until the young have fledged from the nest.

Seabird colonies, primarily Pigeon guillemots and Pelagic cormorants
 Laysan albatross seasonally

red abalone

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Native American Heritage Commission at (916) 653-4082 and State Office of Historical Preservation (916) 445-7000, and/or Ms. Leigh Jordan, Coordinator of the Northwest Information Center (707) 588-8455.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
O	On Duty Supv. Ranger	NORCOM State Parks Dispatch 24-hours	(916) 358-1300
T	Sector Superintendent	California State Parks Mendocino District	(707) 937-5804
O		Point Arena Pier	(707) 882-2583
O		Wharfmaster's	(707) 882-3171
O		Mendocino County Sheriff's Dept.	(707) 463-4086
E		Point Arena Lighthouse Keepers	(707) 882-2777
T	Rick Hanks Manager	California Coastal National Monument	(831) 915-4621
O	Troy Nicolini	National Weather Service Woodley Island	(707) 442-2171

ADDITIONAL SITE SUMMARY COMMENTS:

For further information about coastal access in this area, please refer to the California Coastal Commission's California Coastal Access Guide. For photos of the coastline in this area, please refer to the California Coastal Records Project (www.californiacoastline.org).

1-486 -B Site Strategy - Point Arena

County and Thomas Guide Location
CA Road Atlas Mendocino

NOAA CHART
18640

1-486 -B

Latitude N Longitude W
38 57' 30 123 44'

CONCERNS and ADVICE to RESPONDERS:

Last Page Update :

The rugged coastline will prevent on shore response over most of this area. Off site measures including dispersants should be considered when a spill threatens to impact this area. Overflights should be careful to maintain flight path and altitude clearance distances that are large enough to prevent the flushing of birds and marine mammals from their nests, roosts, and haul outs sanctuaries on the offshore rocks in this area.

HAZARDS and RESTRICTIONS:

Extreme currents, offshore rocks, high energy shoreline, short steep beaches in some areas.

SITE STRATEGIES

This site is best protected by preventing the oil from arriving here, when possible. Off site response options including dispersants should be considered.

Strategy 1-486.1 Objective: Minimize shoreline impacts by offshore response. Open coastal rocky shore conditions will usually preclude on-site response here.

Off site alternative response strategies should be considered when applicable. Dispersion may be the only viable response option.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no	type and gear	Boom boat	Skiffs punts	Skimmers No	Type	Special Equipment or comment	staff deploy	Staff tend
1-486.1	0	0	0	0	0		0	0	0	0	Off site dispersion may be the only option.		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Take U.S. hwy 101 north to state route 128 just north of Cloverdale. Follow state route 128 to state hwy 1. Go south on state hwy 1. To reach the point and lighthouse, turn west onto Lighthouse Road. This road runs along the bluffs near the ocean. Beach access is not possible. The Lighthouse grounds area is open from 11:00 to 14:30. Check the Coastal Resource Guide for contacts to access grounds at other times. To reach the port and Arena Cove, turn west on Port Rd in town of Point Arena and follow to end of road. This site includes the coastline between Point Arena and Arena Cove including the port and pier near the town of Point Arena. Offshore rocks in the area are managed by BLM as part of the California Coastal National Monument. This site includes the Point Arena State Marine Reserve, Point Arena State Marine Conservation Area, and Sea Lion Cove SMCA implemented by DFG through the Marine Life Protection Act.

LAND ACCESS: Foot access only down steep cliffs

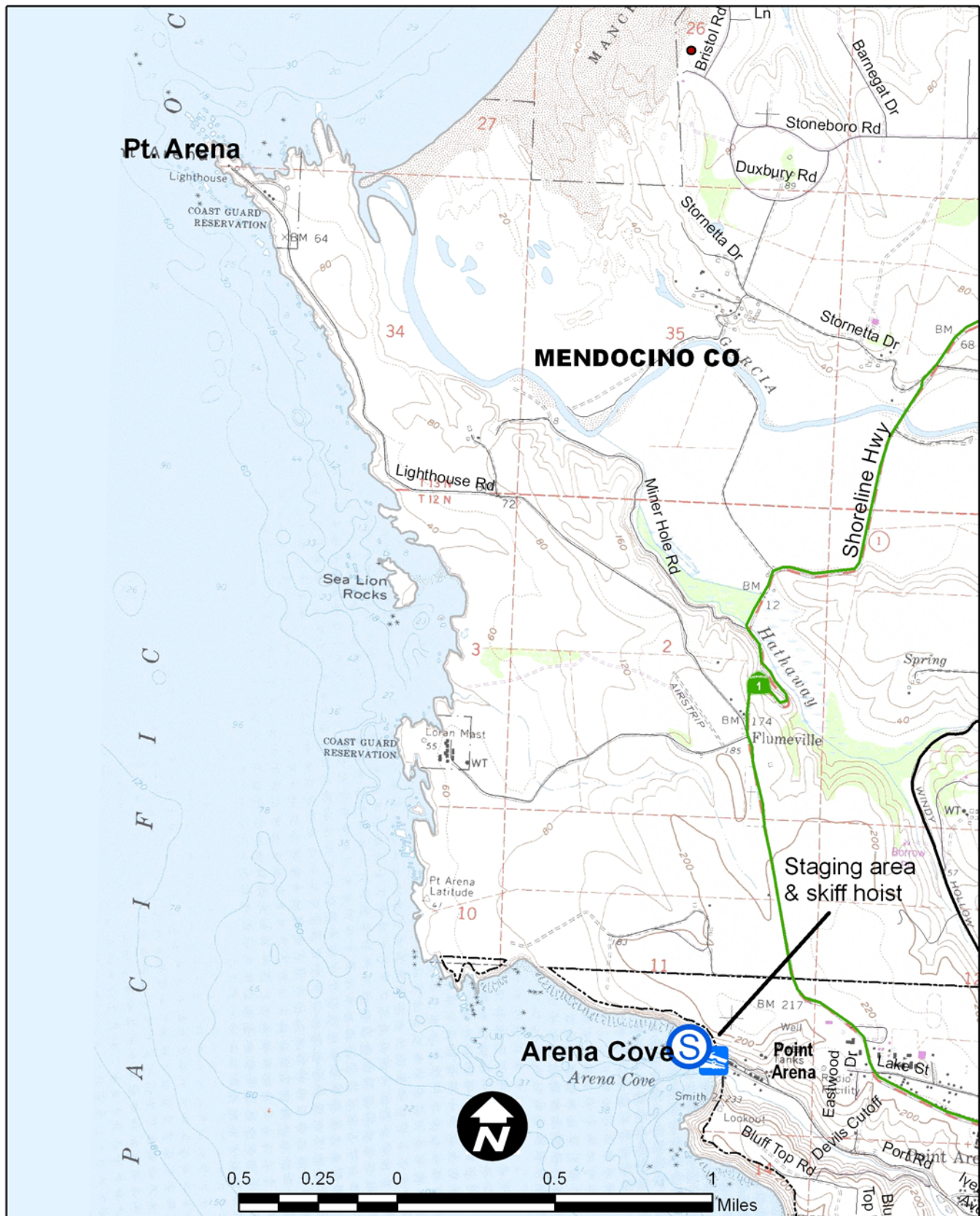
WATER LOGISTICS: Rocky coast with dangerous near shore conditions.
Limitations: depth, obstruction
Launching, Loading, Docking and Services Available: Boat launch by 10,000 lb. davit hoist at Arena Cove Pier

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

Staging is available at Arena Cove which is South on HWY 1 in the town of Pt. Arena. The pier is found off HWY 1 by turning onto Iversen Avenue and going east one mile. There is lodging, a coffee shop, restaurant, in the area. A marine hoist for launching boats on the pier, rest rooms and phones are also near by.

COMMUNICATIONS PROBLEMS: Remote, limited communications

ADDITIONAL OPERATIONAL COMMENTS:



CDFG-OSPR & USCG Site No.: 1-486 Name: Point Arena to Arena Cove

Kris Wiese (OSPR) & Jo Sanders (OSPR) Date: July 24, 2008

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Mendocino County Operational Divisions



Legend

— Shoreline Operational Divisions

0 5 10 20 30 Miles

Source: K. Wiese

Mendocino County Divisions

Division	GPSstart	GPSstop	Description
A	40.0004, -124.02243	39.80736, -123.84632	Humboldt/Mendocino County line to North of Usal Rock
B	39.80736, -123.84632	39.71152, -123.80963	North of Usal Rock to Between Chris Rock and Hardy Rock
C	39.71152, -123.80963	39.5559, -123.76645	Between Chris Rock and Hardy Rock to North of Ten Mile River
D	39.5559, -123.76645	39.45889, -123.80887	North of Ten Mile River to Pudding Creek
E	39.45889, -123.80887	39.35004, -123.82659	Pudding Creek to Point Cabrillo
F	39.35004, -123.82659	39.19184, -123.76517	Point Cabrillo to Arch of the Navarro
G	39.19184, -123.76517	39.10397, -123.70786	Arch of the Navarro to Elk Creek
H	39.10397, -123.70786	38.97597, -123.71177	Elk Creek to Brush Creek
I	38.97597, -123.71177	38.91179, -123.71209	Brush Creek to Point Arena Cove
J	38.91179, -123.71209	38.76869, -123.53397	Point Arena Cove to Gualala River Mouth, Mendocino/Sonoma County line